



## SAFETY DATA SHEET

### 1. Identification

|                                                               |                                                                   |                         |
|---------------------------------------------------------------|-------------------------------------------------------------------|-------------------------|
| <b>Product identifier</b>                                     | <b>HumiSeal Thinner 73</b>                                        |                         |
| <b>Other means of identification</b>                          |                                                                   |                         |
| <b>Product code</b>                                           | HumiSeal Thinner 73                                               |                         |
| <b>Recommended use</b>                                        | Thinner for Protective coatings                                   |                         |
| <b>Recommended restrictions</b>                               | None known.                                                       |                         |
| <b>Manufacturer/Importer/Supplier/Distributor information</b> |                                                                   |                         |
| <b>Manufacturer</b>                                           |                                                                   |                         |
| <b>Company name</b>                                           | CHASE CORPORATION Zeta Drive Plant                                |                         |
| <b>Address</b>                                                | 201 Zeta Drive<br>Pittsburgh, Pennsylvania 15238<br>United States |                         |
| <b>Telephone</b>                                              | 1-866-932-0800                                                    |                         |
| <b>E-mail</b>                                                 | techsupport@humiseal.com                                          |                         |
| <b>Emergency phone number</b>                                 | 1-800-424-9300                                                    | Chemtrec, US            |
|                                                               | (+1)703-527-3887                                                  | Chemtrec, outside of US |

### 2. Hazard(s) identification

|                       |                                                        |                             |
|-----------------------|--------------------------------------------------------|-----------------------------|
| Physical hazards      | Flammable liquids                                      | Category 2                  |
| Health hazards        | Specific target organ toxicity, single exposure        | Category 3 narcotic effects |
| Environmental hazards | Hazardous to the aquatic environment, acute hazard     | Category 3                  |
|                       | Hazardous to the aquatic environment, long-term hazard | Category 3                  |
| OSHA defined hazards  | Not classified.                                        |                             |
| Label elements        |                                                        |                             |



|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Signal word</b>             | Danger                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Hazard statement</b>        | Highly flammable liquid and vapor. May cause drowsiness or dizziness. Harmful to aquatic life. Harmful to aquatic life with long lasting effects.                                                                                                                                                                                                                                                                                                                       |
| <b>Precautionary statement</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Prevention</b>              | Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing mist/vapor. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/eye protection/face protection. |
| <b>Response</b>                | If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. In case of fire: Use appropriate media to extinguish.                                                                                                                                                                                    |

|                                                  |                                                                                                                                                                                         |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>                                   | Keep cool. Store in a well-ventilated place. Keep container tightly closed. Store locked up.                                                                                            |
| <b>Disposal</b>                                  | Dispose of contents/container in accordance with local/regional/national/international regulations.                                                                                     |
| <b>Hazard(s) not otherwise classified (HNOC)</b> | Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion. |
| <b>Supplemental information</b>                  | 100% of the mixture consists of component(s) of unknown acute dermal toxicity.                                                                                                          |

### 3. Composition/information on ingredients

#### Mixtures

| Chemical name   | Common name and synonyms | CAS number | %        |
|-----------------|--------------------------|------------|----------|
| n-Butyl Acetate |                          | 123-86-4   | 90 - 100 |

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

### 4. First-aid measures

|                                                                               |                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>                                                             | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a poison center or doctor/physician if you feel unwell.                                                                                                                                                           |
| <b>Skin contact</b>                                                           | Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.                                                                                                                                                                    |
| <b>Eye contact</b>                                                            | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists.                                                                                                                           |
| <b>Ingestion</b>                                                              | Rinse mouth. Get medical attention if symptoms occur.                                                                                                                                                                                                                                                       |
| <b>Most important symptoms/effects, acute and delayed</b>                     | May cause drowsiness and dizziness. Headache. Nausea, vomiting. Direct contact with eyes may cause temporary irritation.                                                                                                                                                                                    |
| <b>Indication of immediate medical attention and special treatment needed</b> | Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed. |
| <b>General information</b>                                                    | Take off all contaminated clothing immediately. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.                                                                                                   |

### 5. Fire-fighting measures

|                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>                                  | Water fog. Alcohol resistant foam. Carbon dioxide (CO <sub>2</sub> ). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Unsuitable extinguishing media</b>                                | Do not use water jet as an extinguisher, as this will spread the fire.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Specific hazards arising from the chemical</b>                    | Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed. |
| <b>Special protective equipment and precautions for firefighters</b> | Self-contained breathing apparatus and full protective clothing must be worn in case of fire.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Fire fighting equipment/instructions</b>                          | In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Specific methods</b>                                              | Use standard firefighting procedures and consider the hazards of other involved materials.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>General fire hazards</b>                                          | Highly flammable liquid and vapor.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

### 6. Accidental release measures

|                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS. |
|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. This product is miscible in water. Prevent product from entering drains.

**Large Spills:** Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.

**Small Spills:** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

## Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.

## 7. Handling and storage

### Precautions for safe handling

Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid prolonged exposure. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.

For additional information on equipment bonding and grounding, refer to the Canadian Electrical Code in Canada, (CSA C22.1), or the American Petroleum Institute (API) Recommended Practice 2003, "Protection Against Ignitions Arising out of Static, Lightning, and Stray Currents" or National Fire Protection Association (NFPA) 77, "Recommended Practice on Static Electricity" or National Fire Protection Association (NFPA) 70, "National Electrical Code".

### Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components                     | Type | Value     |
|--------------------------------|------|-----------|
| n-BUTYL ACETATE (CAS 123-86-4) | PEL  | 710 mg/m3 |
|                                |      | 150 ppm   |

#### US. ACGIH Threshold Limit Values

| Components                     | Type | Value   |
|--------------------------------|------|---------|
| n-BUTYL ACETATE (CAS 123-86-4) | STEL | 150 ppm |
|                                | TWA  | 50 ppm  |

#### US. NIOSH: Pocket Guide to Chemical Hazards

| Components                     | Type | Value     |
|--------------------------------|------|-----------|
| n-BUTYL ACETATE (CAS 123-86-4) | STEL | 950 mg/m3 |

| Components                                                            | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Value     |
|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
|                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 200 ppm   |
|                                                                       | TWA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 710 mg/m3 |
|                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 150 ppm   |
| Biological limit values                                               | No biological exposure limits noted for the ingredient(s).                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |
| Appropriate engineering controls                                      | Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station and safety shower. |           |
| Individual protection measures, such as personal protective equipment |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |
| Eye/face protection                                                   | Chemical respirator with organic vapor cartridge and full facepiece.                                                                                                                                                                                                                                                                                                                                                                                                                            |           |
| Skin protection                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |
| Hand protection                                                       | Wear appropriate chemical resistant gloves.                                                                                                                                                                                                                                                                                                                                                                                                                                                     |           |
| Other                                                                 | Wear appropriate chemical resistant clothing.                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |
| Respiratory protection                                                | Chemical respirator with organic vapor cartridge and full facepiece.                                                                                                                                                                                                                                                                                                                                                                                                                            |           |
| Thermal hazards                                                       | Wear appropriate thermal protective clothing, when necessary.                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |
| General hygiene considerations                                        | When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.                                                                                                                                                                                                                                                  |           |

## 9. Physical and chemical properties

### Appearance

|                                                |                                |
|------------------------------------------------|--------------------------------|
| <b>Physical state</b>                          | Liquid.                        |
| <b>Form</b>                                    | Not available.                 |
| <b>Color</b>                                   | Clear. Nearly colorless        |
| <b>Odor</b>                                    | Fruity                         |
| <b>Odor threshold</b>                          | 0.63 - 7.4 ppm                 |
| <b>pH</b>                                      | Does not apply.                |
| <b>Melting point/freezing point</b>            | -108.4 °F (-78 °C) estimated   |
| <b>Initial boiling point and boiling range</b> | 258.98 °F (126.1 °C) estimated |
| <b>Flash point</b>                             | 71.6 °F (22.0 °C)              |
| <b>Evaporation rate</b>                        | 1 BuAc                         |
| <b>Flammability (solid, gas)</b>               | Not applicable.                |

### Upper/lower flammability or explosive limits

|                                                |                           |
|------------------------------------------------|---------------------------|
| <b>Flammability limit - lower (%)</b>          | 1.4 %                     |
| <b>Flammability limit - upper (%)</b>          | 7.6 %                     |
| <b>Explosive limit - lower (%)</b>             | 1.8 %                     |
| <b>Explosive limit - upper (%)</b>             | 8 %                       |
| <b>Vapor pressure</b>                          | 15.33 hPa estimated       |
| <b>Vapor density</b>                           | 4 versus Air              |
| <b>Relative density</b>                        | 0.88 g/cm3                |
| <b>Solubility(ies)</b>                         |                           |
| <b>Solubility (water)</b>                      | Negligible                |
| <b>Partition coefficient (n-octanol/water)</b> | 1.78                      |
| <b>Auto-ignition temperature</b>               | 797 °F (425 °C) estimated |
| <b>Decomposition temperature</b>               | No test data available.   |

|                             |                        |
|-----------------------------|------------------------|
| <b>Viscosity</b>            | Not available.         |
| <b>Other information</b>    |                        |
| <b>Density</b>              | 0.88 g/cm3             |
| <b>Explosive properties</b> | Not explosive.         |
| <b>Flammability class</b>   | Flammable IB estimated |
| <b>Miscible (water)</b>     | Negligible             |
| <b>Oxidizing properties</b> | Not oxidizing.         |
| <b>Percent volatile</b>     | 100 %                  |
| <b>Specific gravity</b>     | 0.88                   |
| <b>VOC</b>                  | 100 % estimated        |

## 10. Stability and reactivity

|                                           |                                                                                                                                                                       |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport.                                                                         |
| <b>Chemical stability</b>                 | Material is stable under normal conditions.                                                                                                                           |
| <b>Possibility of hazardous reactions</b> | Hazardous polymerization does not occur.                                                                                                                              |
| <b>Conditions to avoid</b>                | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials. |
| <b>Incompatible materials</b>             | Strong oxidizing agents. Nitrates.                                                                                                                                    |
| <b>Hazardous decomposition products</b>   | No hazardous decomposition products are known.                                                                                                                        |

## 11. Toxicological information

### Information on likely routes of exposure

|                     |                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | May cause drowsiness and dizziness. Headache. Nausea, vomiting. Prolonged inhalation may be harmful. |
| <b>Skin contact</b> | No adverse effects due to skin contact are expected.                                                 |
| <b>Eye contact</b>  | Direct contact with eyes may cause temporary irritation.                                             |
| <b>Ingestion</b>    | Expected to be a low ingestion hazard.                                                               |

**Symptoms related to the physical, chemical and toxicological characteristics** May cause drowsiness and dizziness. Headache. Nausea, vomiting.

### Information on toxicological effects

**Acute toxicity** Not known.

| <b>Components</b>                                             | <b>Species</b>                                                                                                   | <b>Test Results</b> |
|---------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|---------------------|
| n-Butyl Acetate (CAS 123-86-4)                                |                                                                                                                  |                     |
| <b><u>Acute</u></b>                                           |                                                                                                                  |                     |
| <b>Inhalation</b>                                             |                                                                                                                  |                     |
| LC50                                                          | Wistar rat                                                                                                       | 160 mg/l, 4 Hours   |
| <b>Oral</b>                                                   |                                                                                                                  |                     |
| LD50                                                          | Rat                                                                                                              | 14000 mg/kg         |
| <b>Skin corrosion/irritation</b>                              | Prolonged skin contact may cause temporary irritation.                                                           |                     |
| <b>Serious eye damage/eye irritation</b>                      | Direct contact with eyes may cause temporary irritation.                                                         |                     |
| <b>Respiratory or skin sensitization</b>                      |                                                                                                                  |                     |
| <b>Respiratory sensitization</b>                              | Not a respiratory sensitizer.                                                                                    |                     |
| <b>Skin sensitization</b>                                     | This product is not expected to cause skin sensitization.                                                        |                     |
| <b>Germ cell mutagenicity</b>                                 | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |                     |
| <b>Carcinogenicity</b>                                        | Due to lack of data the classification is not possible.                                                          |                     |
| <b>IARC Monographs. Overall Evaluation of Carcinogenicity</b> | Not listed.                                                                                                      |                     |

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)**

Not regulated.

**US. National Toxicology Program (NTP) Report on Carcinogens**

Not listed.

|                                                           |                                                                              |
|-----------------------------------------------------------|------------------------------------------------------------------------------|
| <b>Reproductive toxicity</b>                              | This product is not expected to cause reproductive or developmental effects. |
| <b>Specific target organ toxicity - single exposure</b>   | May cause drowsiness and dizziness.                                          |
| <b>Specific target organ toxicity - repeated exposure</b> | Due to lack of data the classification is not possible.                      |
| <b>Aspiration hazard</b>                                  | Due to inconclusive data the classification is not possible.                 |
| <b>Chronic effects</b>                                    | Prolonged inhalation may be harmful.                                         |

**12. Ecological information**

|                    |                                                    |
|--------------------|----------------------------------------------------|
| <b>Ecotoxicity</b> | Harmful to aquatic life with long lasting effects. |
|--------------------|----------------------------------------------------|

| Product                        |      | Species                              | Test Results                |
|--------------------------------|------|--------------------------------------|-----------------------------|
| n-Butyl Acetate                |      |                                      |                             |
| <b>Aquatic</b>                 |      |                                      |                             |
| Fish                           | LC50 | Fish                                 | 91 mg/l, 96 hours estimated |
| Components                     |      | Species                              | Test Results                |
| n-Butyl Acetate (CAS 123-86-4) |      |                                      |                             |
| <b>Aquatic</b>                 |      |                                      |                             |
| Fish                           | LC50 | Fathead minnow (Pimephales promelas) | 17 - 19 mg/l, 96 hours      |

|                                      |                                                                              |
|--------------------------------------|------------------------------------------------------------------------------|
| <b>Persistence and degradability</b> | No data is available on the degradability of any ingredients in the mixture. |
|--------------------------------------|------------------------------------------------------------------------------|

**Bioaccumulative potential****Partition coefficient n-octanol / water (log Kow)**

|                 |                |
|-----------------|----------------|
| n-Butyl Acetate | 1.78, at 25 °C |
|                 | 2.3, at 25 °C  |
| n-Butyl Acetate | 1.78           |

|                         |                    |
|-------------------------|--------------------|
| <b>Mobility in soil</b> | No data available. |
|-------------------------|--------------------|

|                              |                                                                                                      |
|------------------------------|------------------------------------------------------------------------------------------------------|
| <b>Other adverse effects</b> | The product contains volatile organic compounds which have a photochemical ozone creation potential. |
|------------------------------|------------------------------------------------------------------------------------------------------|

**13. Disposal considerations**

|                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Disposal instructions</b>                 | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Incinerate the material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose of contents/container in accordance with local/regional/national/international regulations. |
| <b>Local disposal regulations</b>            | Dispose in accordance with all applicable regulations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Hazardous waste code</b>                  | D001: Waste Flammable material with a flash point <140 F<br>The waste code should be assigned in discussion between the user, the producer and the waste disposal company.                                                                                                                                                                                                                                                                                                                                                           |
| <b>Waste from residues / unused products</b> | Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).                                                                                                                                                                                                                                                                                                                     |
| <b>Contaminated packaging</b>                | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.                                                                                                                                                                                                                                                                                                                           |

**14. Transport information**

|                                   |                        |
|-----------------------------------|------------------------|
| <b>DOT</b>                        |                        |
| <b>UN number</b>                  | UN1263                 |
| <b>UN proper shipping name</b>    | PAINT RELATED MATERIAL |
| <b>Transport hazard class(es)</b> |                        |
| <b>Class</b>                      | 3                      |
| <b>Subsidiary risk</b>            | -                      |
| <b>Label(s)</b>                   | 3                      |

|                                     |                                                                         |
|-------------------------------------|-------------------------------------------------------------------------|
| <b>Packing group</b>                | II                                                                      |
| <b>Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling. |
| <b>Special provisions</b>           | 149, B52, IB2, T7, TP1, TP8, TP28                                       |
| <b>Packaging exceptions</b>         | 150                                                                     |
| <b>Packaging non bulk</b>           | 202                                                                     |
| <b>Packaging bulk</b>               | 242                                                                     |

#### IATA

|                                     |                                                                         |
|-------------------------------------|-------------------------------------------------------------------------|
| <b>UN number</b>                    | UN1263                                                                  |
| <b>UN proper shipping name</b>      | PAINT RELATED MATERIAL                                                  |
| <b>Transport hazard class(es)</b>   |                                                                         |
| <b>Class</b>                        | 3                                                                       |
| <b>Subsidiary risk</b>              | -                                                                       |
| <b>Packing group</b>                | II                                                                      |
| <b>Environmental hazards</b>        | No.                                                                     |
| <b>ERG Code</b>                     | 3H                                                                      |
| <b>Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling. |
| <b>Other information</b>            |                                                                         |
| <b>Passenger and cargo aircraft</b> | Allowed with restrictions.                                              |
| <b>Cargo aircraft only</b>          | Allowed with restrictions.                                              |

#### IMDG

|                                     |                                                                         |
|-------------------------------------|-------------------------------------------------------------------------|
| <b>UN number</b>                    | UN1263                                                                  |
| <b>UN proper shipping name</b>      | PAINT RELATED MATERIAL                                                  |
| <b>Transport hazard class(es)</b>   |                                                                         |
| <b>Class</b>                        | 3                                                                       |
| <b>Subsidiary risk</b>              | -                                                                       |
| <b>Packing group</b>                | II                                                                      |
| <b>Environmental hazards</b>        |                                                                         |
| <b>Marine pollutant</b>             | No.                                                                     |
| <b>EmS</b>                          | F-E, S-E                                                                |
| <b>Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling. |

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not established.

#### DOT



#### IATA; IMDG



## 15. Regulatory information

**US federal regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**Toxic Substances Control Act (TSCA)****TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

n-Butyl Acetate (CAS 123-86-4)

Listed.

**SARA 304 Emergency release notification**

Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)**

Not regulated.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)****SARA 302 Extremely hazardous substance**

Not listed.

**SARA 311/312 Hazardous chemical**

Yes

**Classified hazard categories**

Flammable (gases, aerosols, liquids, or solids)  
Specific target organ toxicity (single or repeated exposure)  
Hazard not otherwise classified (HNOC)

**SARA 313 (TRI reporting)**

Not regulated.

**Other federal regulations****Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)**

Contains component(s) regulated under the Safe Drinking Water Act.

**FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace**

n-Butyl Acetate (CAS 123-86-4)

Low priority

**US state regulations****California Proposition 65**

California Safe Drinking Water and Toxic Enforcement Act of 2016 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**International Inventories**

| Country(s) or region        | Inventory name                                                         | On inventory (yes/no)* |
|-----------------------------|------------------------------------------------------------------------|------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                     | Yes                    |
| Canada                      | Domestic Substances List (DSL)                                         | Yes                    |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                    |
| Europe                      | European Inventory of Existing Commercial Chemical Substances (EINECS) | Yes                    |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)               | Yes                    |
| Korea                       | Existing Chemicals List (ECL)                                          | Yes                    |
| New Zealand                 | New Zealand Inventory                                                  | Yes                    |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | Yes                    |
| Taiwan                      | Taiwan Chemical Substance Inventory (TCSI)                             | Yes                    |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | Yes                    |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**16. Other information, including date of preparation or last revision****Issue date** 08-15-2014



|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Revision date</b>        | 07-22-2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Version #</b>            | 06                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>HMIS® ratings</b>        | Health: 2<br>Flammability: 3<br>Physical hazard: 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>NFPA ratings</b>         | Health: 2<br>Flammability: 3<br>Instability: 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Disclaimer</b>           | The information offered in this data sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication, however, no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. This material is intended for industrial use only. No warranty, expressed or implied is made. |
| <b>Revision information</b> | Physical and chemical properties: Color                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |