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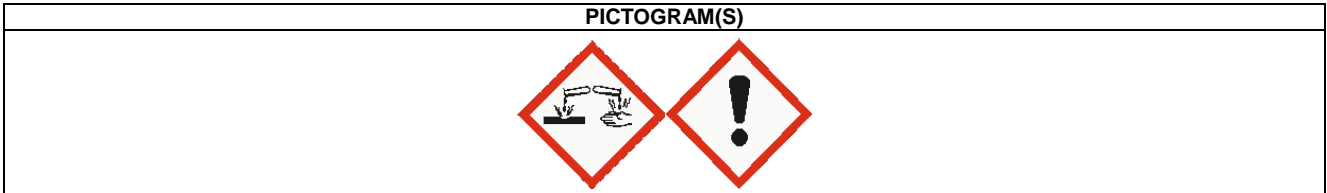
**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Product name:</b>	<b>BONDERITE S-ST 5668 AERO known as TURCO 5668</b>	<b>IDH number:</b>	597004
<b>Product type/use:</b>	Paint stripping agents	<b>Item number:</b>	597004
<b>Restriction of Use:</b>	None identified	<b>Region:</b>	United States
<b>Company address:</b>	<b>Contact information:</b>		
Henkel Corporation	Telephone: +1 (860) 571-5100		
One Henkel Way	MEDICAL EMERGENCY Phone: Poison Control Center		
Rocky Hill, Connecticut 06067	1-877-671-4608 (toll free) or 1-303-592-1711		
	TRANSPORT EMERGENCY Phone: CHEMTREC		
	1-800-424-9300 (toll free) or 1-703-527-3887		
	Internet: www.henkelna.com		

**2. HAZARDS IDENTIFICATION**

EMERGENCY OVERVIEW	
<b>DANGER:</b>	HARMFUL IF SWALLOWED. CAUSES SEVERE SKIN BURNS AND EYE DAMAGE. MAY CAUSE RESPIRATORY IRRITATION. MAY CAUSE DROWSINESS OR DIZZINESS.

HAZARD CLASS	HAZARD CATEGORY
ACUTE TOXICITY ORAL	4
SKIN CORROSION	1C - Corrosive
SERIOUS EYE DAMAGE	1
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE	3



**Precautionary Statements**

<b>Prevention:</b>	Avoid breathing vapors, mist, or spray. Wash affected area thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Wear protective gloves, clothing, eye and face protection.
<b>Response:</b>	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Wash contaminated clothing before reuse.
<b>Storage:</b>	Store in a well-ventilated place. Keep container tightly closed. Store locked up.
<b>Disposal:</b>	Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

9 % of the mixture consists of ingredient(s) of unknown acute toxicity.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Hazardous Component(s)	CAS Number	Percentage*
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IDH number: 597004

Product name: BONDERITE S-ST 5668 AERO known as TURCO 5668

N-Methyl-2-pyrrolidone	872-50-4	40 - 50
Monoethanolamine	141-43-5	20 - 30
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	10 - 20
Potassium hydroxide	1310-58-3	1 - 5
Lithium hydroxide	1310-65-2	0.1 - 1
Diethanolamine	111-42-2	0.1 - 1

\* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

## 4. FIRST AID MEASURES

<b>Inhalation:</b>	If mist or vapor of this product is inhaled, remove person immediately to fresh air. Seek medical attention if symptoms develop or persist.
<b>Skin contact:</b>	In case of contact, immediately remove contaminated clothing and flush skin with copious amounts of water. Get medical attention. Discard any shoes or clothing items that cannot be decontaminated.
<b>Eye contact:</b>	In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.
<b>Ingestion:</b>	Get immediate medical attention. DO NOT induce vomiting unless directed to do so by medical personnel. Give one to two glasses of water or milk. Never give anything by mouth to a victim who is unconscious or is having convulsions.
<b>Symptoms:</b>	See Section 11.
<b>Notes to physician:</b>	This material, if aspirated into the lungs, may cause lipid pneumonitis. Treat affected person appropriately.

## 5. FIRE FIGHTING MEASURES

<b>Extinguishing media:</b>	Water spray (fog), foam, dry chemical or carbon dioxide. In case of fire, keep containers cool with water spray.
<b>Special firefighting procedures:</b>	Wear full protective clothing. Wear self-contained breathing apparatus.
<b>Unusual fire or explosion hazards:</b>	This product is combustible at high temperatures.
<b>Hazardous combustion products:</b>	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

## 6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

<b>Environmental precautions:</b>	Wear appropriate protective equipment and clothing during clean-up. Prevent further leakage or spillage if safe to do so. Isolate area. Keep unnecessary personnel away. Do not allow product to enter sewer or waterways.
<b>Clean-up methods:</b>	Wear appropriate personal protective equipment. Collect spilled material with an inert absorbent such as sand or vermiculite. Place in properly labeled closed container. Dispose of according to Federal, State and local governmental regulations.

## 7. HANDLING AND STORAGE

**Handling:** Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists of this product. Keep container closed. Provide adequate ventilation. Wash thoroughly after handling. Keep away from heat, spark and flame. Do not pressurize, cut, heat or weld containers. Empty product containers may contain product residue. Do not reuse empty containers. Do not take internally. For industrial use only.

**Storage:** For safe storage, store between 4.4 °C (39.9 °F) and 50 °C (122°F) Store in a cool, dry, well-ventilated area. Store away from strong oxidizers.

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

Hazardous Component(s)	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
N-Methyl-2-pyrrolidone	None	None	10 ppm (40 mg/m <sup>3</sup> ) TWA (SKIN)	None
Monoethanolamine	6 ppm STEL 3 ppm TWA	3 ppm (6 mg/m <sup>3</sup> ) PEL	None	None
Distillates (petroleum), hydrotreated heavy naphthenic	5 mg/m <sup>3</sup> TWA Inhalable fraction.	5 mg/m <sup>3</sup> PEL Mist. 500 ppm (2,000 mg/m <sup>3</sup> ) PEL	None	None
Potassium hydroxide	2 mg/m <sup>3</sup> Ceiling	None	None	None
Lithium hydroxide	None	None	1 mg/m <sup>3</sup> Ceiling	None
Diethanolamine	1 mg/m <sup>3</sup> TWA Inhalable fraction and vapor. (SKIN) Inhalable fraction and vapor.	None	None	None

**Engineering controls:** Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.

**Respiratory protection:** If ventilation is not sufficient to effectively prevent buildup of aerosols, mists or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.

**Eye/face protection:** Wear chemical goggles; face shield (if splashing is possible).

**Skin protection:** Chemical resistant, impermeable gloves. Gloves should be tested to determine suitability for prolonged contact. Use of impervious apron and boots are recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid
<b>Color:</b>	Light brown
<b>Odor:</b>	Amine
<b>Odor threshold:</b>	Not available.
<b>pH:</b>	12.0
<b>Vapor pressure:</b>	0.35 mm hg (-6.7 °C (19.9 °F))
<b>Boiling point/range:</b>	> 93.3 °C (> 199.9 °F)
<b>Melting point/ range:</b>	Not applicable
<b>Specific gravity:</b>	1.04 - 1.06 at 25 °C (77°F)
<b>Vapor density:</b>	> 1
<b>Flash point:</b>	> 93.3 °C (> 199.94 °F) Pensky Martens closed cup
<b>Flammable/Explosive limits - lower:</b>	Not determined
<b>Flammable/Explosive limits - upper:</b>	Not determined
<b>Autoignition temperature:</b>	Not determined
<b>Flammability:</b>	Not applicable
<b>Evaporation rate:</b>	Not available.
<b>Solubility in water:</b>	Complete
<b>Partition coefficient (n-octanol/water):</b>	Not determined
<b>VOC content:</b>	70 - 75 %
<b>Viscosity:</b>	Not available.

Decomposition temperature: Not available.

## 10. STABILITY AND REACTIVITY

**Stability:** Stable at normal conditions.

**Hazardous reactions:** Will not occur.

**Hazardous decomposition products:** Upon decomposition, this product may yield gaseous nitrogen oxides, carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

**Incompatible materials:** This product may react with strong acids or oxidizing agents. Nitrites may react with organic amines to form nitrosamines which can cause cancer.

**Reactivity:** Not available.

**Conditions to avoid:** Keep away from heat, ignition sources and incompatible materials.

## 11. TOXICOLOGICAL INFORMATION

**Relevant routes of exposure:** Skin, Inhalation, Eyes

### Potential Health Effects/Symptoms

**Inhalation:** Inhalation of high vapor concentrations may produce respiratory irritation, and may cause central nervous system (CNS) depression.

**Skin contact:** Corrosive to the skin. Contact with the skin or mucous membranes may cause severe irritation and burns.

**Eye contact:** This product is severely irritating to the eyes and may cause irreversible damage including burns and blindness.

**Ingestion:** This product may produce corrosive damage to the gastrointestinal tract if it is swallowed. Small amounts of this product, if aspirated into the lungs, may cause mild to severe pulmonary injury.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
N-Methyl-2-pyrrolidone	Oral LD50 (Rat) = 3,914 mg/kg Dermal LD50 (Rabbit) = 8,000 mg/kg Inhalation LC50 (Rat, 4 h) = > 5.1 mg/l	Blood, Bone Marrow, Central nervous system, Immune system, Irritant, Lung
Monoethanolamine	Oral LD50 (Rat) = 10.2 g/kg Oral LD50 (Mouse) = 700 mg/kg Dermal LD50 (Rabbit) = 1,025 mg/kg	Irritant, Kidney, Liver, Corrosive, Respiratory, Developmental
Distillates (petroleum), hydrotreated heavy naphthenic	Inhalation LC50 (Rat, 4 h) = > 4.026 mg/l Inhalation LC50 (Rat, 4 h) = 2.18 mg/l Inhalation LC50 (Rat, 4 h) = 10.5 mg/l Inhalation LC50 (Rat, 4 h) = > 5.2 mg/l Inhalation LC50 (Rat, 4 h) = < 5.7 mg/l	Irritant
Potassium hydroxide	Oral LD50 (Rat) = 273 mg/kg Oral LD50 (Rat) = 1.23 g/kg	Corrosive, Irritant
Lithium hydroxide	Inhalation LC50 (Rat, 4 h) = > 6.15 mg/l Inhalation LC50 (Rat, 4 h) = > 3.4 mg/l	Central nervous system, Corrosive, Irritant
Diethanolamine	Oral LD50 (Rat) = 710 mg/kg Oral LD50 (Rat) = 1.82 g/kg	Allergen, Corrosive, Irritant, Liver, Respiratory

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
N-Methyl-2-pyrrolidone	No	No	No
Monoethanolamine	No	No	No
Distillates (petroleum), hydrotreated heavy naphthenic	No	No	No
Potassium hydroxide	No	No	No
Lithium hydroxide	No	No	No
Diethanolamine	No	Group 2B	No

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Not available.

## 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

**Recommended method of disposal:** Follow all local, state, federal and provincial regulations for disposal.

## 14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

### U.S. Department of Transportation Ground (49 CFR)

**Proper shipping name:** Ethanolamine solutions  
**Hazard class or division:** 8  
**Identification number:** UN 2491  
**Packing group:** III

### International Air Transportation (ICAO/IATA)

**Proper shipping name:** Ethanolamine solution  
**Hazard class or division:** 8  
**Identification number:** UN 2491  
**Packing group:** III

### Water Transportation (IMO/IMDG)

**Proper shipping name:** ETHANOLAMINE SOLUTION  
**Hazard class or division:** 8  
**Identification number:** UN 2491  
**Packing group:** III

## 15. REGULATORY INFORMATION

### United States Regulatory Information

**TSCA 8 (b) Inventory Status:** All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory.

**TSCA 12 (b) Export Notification:** Organic solvent (CAS# 872-50-4).

**CERCLA/SARA Section 302 EHS:** None above reporting de minimis.  
**CERCLA/SARA Section 311/312:** Immediate Health, Delayed Health  
**CERCLA/SARA Section 313:** This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). N-Methyl-2-pyrrolidone (CAS# 872-50-4).

**California Proposition 65:** This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

### Canada Regulatory Information

**CEPA DSL/NDL Status:** All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

## 16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: New Safety Data Sheet format.

**Prepared by:** Regulatory Affairs

**Issue date:** 10/25/2021

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