

If eye irritation persists: Get medical advice/attention
 IF ON SKIN: Wash with plenty of soap and water
 If skin irritation occurs: Get medical advice/attention

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%
Alcohols C9 - 11, ethoxylated	68439-46-3	< 6
Proprietary Surfactant Blend	Proprietary	< 5

4. FIRST AID MEASURES

FIRST AID MEASURES

Eye contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, consult a physician.
Skin contact	IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: get medical advice/attention.
Inhalation	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
Ingestion	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
Self-protection of the first aider	Use personal protective equipment.

Most important symptoms and effects, both acute and delayed

Symptoms Irritation or pain in contact with eyes.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

<u>Suitable extinguishing media</u>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	None known.
<u>Specific hazards arising from the chemical</u>	None identified.
Hazardous combustion products	May emit irritating vapors.
<u>Explosion Data</u>	
Sensitivity to Mechanical Impact	None.
Sensitivity to Static Discharge	None.
<u>Protective equipment and precautions for firefighters</u>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment. Ensure adequate ventilation. Avoid contact with eyes,

skin and clothing.

For emergency responders Use personal protection recommended in Section 8.

Environmental precautions

Environmental precautions Prevent release to surface water.

Methods and material for containment and cleaning up

Methods for Containment Dike to collect large liquid spills.

Methods for Cleaning Up Absorb with inert material and transfer to containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Wear personal protective equipment. Avoid contact with eyes, skin and clothing. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

Incompatible materials Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering Measures Safety Shower
Eyewash station
Ventilation system.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety glasses with side-shields.

Skin and Body Protection Wear protective gloves/clothing.

Respiratory Protection In case of inadequate ventilation wear respiratory protection.

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid	Color	Light green
Odor	Mild		
Odor threshold	Not determined		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH		Not determined
Melting point / freezing point		Not determined
Boiling point / boiling range	> 100 °C	

Flash Point	>200 °F	Tag closed cup
Evaporation Rate		Not determined
Flammability (solid, gas)		Not Applicable
Flammability Limit in Air		Not determined
Upper flammability limit		
Lower Flammability Limit		
Vapor pressure	< 0.01	mm Hg@ 20 °C
Vapor Density		Not determined
Specific Gravity	1.02	
Water Solubility	Soluble	
Solubility in other solvents		Not determined
Partition coefficient		Not Applicable
Autoignition Temperature		Not determined
Decomposition temperature		Not determined
Kinematic viscosity		Not determined
Dynamic viscosity		Not determined
Explosive Properties	None	
Oxidizing Properties	None	

Other Information**10. STABILITY AND REACTIVITY**

Reactivity	Not reactive
Remarks	
Chemical stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	
Hazardous Reactions	None under normal processing.
Hazardous Polymerization	Hazardous polymerization does not occur.
Conditions to Avoid	Extremes of temperature and direct sunlight
Incompatible materials	Strong oxidizing agents.

Hazardous Decomposition Products

Thermal decomposition may emit irritating vapors.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure****Product Information**

Inhalation	No known hazard.
Eye contact	Irritating to eyes.
Skin contact	May cause irritation.
Ingestion	Ingestion may cause stomach discomfort.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Alcohols C9 - 11, ethoxylated 68439-46-3	= 1378 mg/kg (Rat) = 1400 mg/kg (Rat)	> 2 g/kg (Rabbit)	-

Information on toxicological effects

Symptoms Irritation or pain in contact with eyes.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation May cause irritation.
Serious eye damage/eye irritation Irritating to eyes.
Sensitization No known hazard.
Mutagenic Effects No known hazard.
Carcinogenicity Contains no listed human carcinogens at greater than 0.1%.

Reproductive Toxicity No known hazard.

Developmental Toxicity No known hazard.
Teratogenic No known hazard.
STOT - single exposure No known hazard.

STOT - repeated exposure No known hazard.
Aspiration hazard No known hazard.

Numerical measures of toxicity-Product Information Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Alcohols C9 - 11, ethoxylated 68439-46-3	LC50 10 - 100 mg/l	LC50 10 - 100 mg/l	LC50 > 100 mg/l	LC50 1 - 10 mg/l

Persistence and degradability

No data available.

Bioaccumulation/Accumulation

Not determined

Mobility

No data available.

Other Adverse Effects

None identified

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Waste Disposal Method Dispose of in accordance with applicable regulations.

Contaminated Packaging Dispose of in accordance with applicable regulations.

14. TRANSPORT INFORMATION

DOT Not regulated

IATA Not regulated

IMDG / IMO Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL	Complies
ENCS	Not determined
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	Yes
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

U.S. State Regulations

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations

16. OTHER INFORMATION

NFPA	Health Hazard 1	Flammability 1	Instability 0	Physical and Chemical Hazards n/a
HMIS	Health Hazard 1	Flammability 1	Physical hazards 0	Personal Precautions B

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Revision Note	
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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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 process, unless specified in the text.

End of Safety Data Sheet