

Alcohols, C9-11, Ethoxylated	68439-46-36	Surfactant	0-1%
Sodium Glycolate	2836-32-0	Buffering Agent	0-1%
Trisodium NTA	5064-31-3	Processing Aid	0-1%
Sodium Hydroxide	1310-73-2	pH Adjuster	0-1%
Sodium Metasilicate	6834-92-0	Buffering Agent	0-1%
Fragrance	Proprietary	Fragrance Component	0-1%
d-Limonene	5989-27-5	Fragrance Component	<0.1%
Coumarin	91-64-5	Fragrance Component	<0.01%
Alpha-Isomethyl Ionone	127-51-5	Fragrance Component	<0.01%
Dye	Proprietary	Colorant	<0.01%
Hexyl Cinnamic Aldehyde	101-86-0	Fragrance Component	<0.01%
Linalool	78-70-6	Fragrance Component	<0.01%
Butylphenyl Methylpropional	80-54-6	Fragrance Component	<0.01%
Geraniol	106-24-1	Fragrance Component	<0.01%
Benzyl Salicylate	118-58-1	Fragrance Component	<0.001%
ISO Eugenol	97-54-1	Fragrance Component	<0.001%

4. First-aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
Eye contact	Rinse with water for at least 15 minutes. Remove contact lenses if present and easy to do so. Immediately call a physician or transport to hospital.
Ingestion	Rinse mouth. Get medical attention immediately. Do not induce vomiting.
Most important symptoms/effects, acute and delayed	Dermatitis. Rash. May cause an allergic skin reaction.
Indication of immediate medical attention and special treatment needed	Provide general support measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire-fighting measures

Suitable extinguishing media	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO ₂)
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protecting clothing must be worn in case of fire.
Fire-fighting equipment/instructions	Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of vapors or mists. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing. Ensure adequate ventilation. Local
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Methods and materials for containment and cleaning up

authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

This product is fully miscible in water.

Large spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small spills: Wipe up with absorbent material (e.g. cloth, absorbent wipes). Clean surface thoroughly with water to remove residual contamination.

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

Environmental precautions

Avoid discharge into surface drainage paths and other areas not consistent with package labeling.

7. Handling and storage

Precautions for safe handling

Avoid breathing mist or vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store in original tightly closed container. Store away from incompatible materials (see section 10 of the Safety Data Sheet).

8. Exposure controls/personal protection

Occupational exposure limits	Chemical	Standard	Limit
	Diethylene glycol monoethylether	WEEL 8-hr TWA	25 ppm (140 mg/m ³)

Biological limit values Not classified.

Appropriate engineering controls 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 to an acceptable level. It is recommended that users of this product perform a risk assessment to determine the appropriate personal protective equipment.

Individual protection measures, such as personal protective equipment

Eye/face protection Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

Skin protection

Hand protection The use of gloves impervious to the specific material handled is advised to prevent skin contact. Users should check with manufacturers to confirm the breakthrough performance of their products. Suggested protective materials: Nitrile and latex rubber.

Other Wear appropriate chemical resistant clothing. Depending on exposure and use conditions, additional protection may be necessary to prevent skin contact including use of items such as chemical-resistant boots, aprons, arm covers, hoods and/or coveralls

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards Wear appropriate thermal protective clothing, when necessary.

General hygiene considerations When using do not smoke or use chewing tobacco. 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. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance	
Physical State	Liquid
Color	Blue
Odor	Fresh/floral
Odor threshold	Not available.
pH	12-12.5
Melting/freezing point	32°F (0°C) estimated.
Initial boiling point and boiling range	>212°F (>100°C) estimated.
Flash point	>212°F (>100°C) -estimated.
Evaporation rate	Not available.
Flammability	
Flammability Limits	Not available.
Upper	Not available.
Lower	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Specific gravity (water=1)	1.01
Solubility in water	Fully soluble
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

10. Stability and reactivity

Reactivity	This product is stable and non-reactive under normal conditions of use.
Chemical stability	Material is stable under normal conditions. Store in a cool dark place.
Possibility of hazardous reactions	Hazardous polymerization does not occur
Conditions to avoid	Avoid storage in elevated temperatures.
Incompatible materials	Strong acids, Bases, amines, some alkaline metals.
Hazardous decomposition products	No hazardous decomposition products occur. In case of fire see section 5.

11. Toxicological information

Information on likely routes of exposure	
Ingestion	Do not ingest. May be harmful if swallowed.
Inhalation	Do not inhale. May cause irritation of the upper respiratory tract.
Skin contact	Can cause skin irritation with persistent contact.
Eye contact	Can cause serious eye irritation. Wear appropriate protective clothing (see section 8).
Symptoms related to the physical, chemical and toxicological characteristics	Dermatitis. Rash. May cause an allergic skin reaction.
Acute toxicity	Not classified.

SAFETY DATA SHEET

Product Non-Acidic Bowl Cleaner (CAS mixture)		
Exposure Classification	Route and Species	LD ₅₀
Acute	Oral, rat	>5,000 mg/kg estimated
Acute	Dermal, rabbit	>10,200 mg/kg (estimated/literature)
Acute	Inhalation, rat	>7.0 mg/l (Calculated)

*Estimates for product may be based on additional component data not shown

Skin corrosion/irritation	Causes mild skin irritation.
Serious eye damage/ irritation	Causes serious eye damage.
Respiratory sensitization	Not considered a respiratory sensitizer.
Skin sensitization	Not considered a skin sensitizer.

Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	Not considered a carcinogen.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not Listed.
Reproductive toxicity	No data available.
Specific target organ toxicity – single exposure	No data available.
Specific target organ toxicity – repeated exposure	No data available.
Aspiration hazard	No data available.

12. Ecological information

Ecotoxicity		
Product Non-Acidic Bowl Cleaner (CAS mixture)		
Aquatic	Species	Test Results
Fish	Fathead minnow (<i>Pimephales promelas</i>)	LC ₅₀ = >890 mg/L (estimated)
Crustacea	Daphnids(<i>water flea</i>)	EC ₅₀ = >1,900 mg/L (Literature)

*Estimates for product may be based on additional component data not shown

Persistence and degradability	No data available. Analogous of this product have been shown to be readily degraded in an open environment and exhibit very low persistence
Bioaccumulative potential	Not data available
Partition coefficient n-octanol/water (log K_{ow})	Not available.
Mobility in soil	No data available. The function components of this product will readily partition to water. Moderate to high mobility in saturated and semi-saturated soils.
Other adverse effects	Harmful to plants or wildlife in high concentrations.

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company. As packaged, this product is not believed to meet criteria defining RCRA hazardous wastes when disposed. (40 CFR Part 261, Subpart C). Before selecting disposal method, ensure that the waste materials have been properly assessed and, as necessary, tested to confirm regulatory status.

Waste from residues/unused product 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).

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may contain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT Not classified as dangerous goods.

15. Regulatory information

US federal regulations

SARA 302 Extremely hazardous substance Not listed.

SARA 304 Emergency release notification Not listed.

SARA 311/312 Hazard Categories

Immediate Hazard - Yes

Delayed Hazard – No

Fire Hazard – No

Pressure Hazard – No

Reactivity Hazard – No

SARA 313 (TRI reporting) Not listed.

16. Other information, including date of preparation or last revision

Issue date 10/5/2015
Revision date 2/1/2021
Version # 3
HMIS® ratings Health: 1
 Flammability: 0
 Physical hazard: 0

HEALTH	1
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	<input type="checkbox"/>

NFPA Ratings Health: 1
 Flammability: 0
 Instability: 0



Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, and have been obtained from resources believed to be reliable. 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 related 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 by the text.

Revision information

Updated composition in accordance with industry standards.