

SAFETY DATA SHEET

ALC 50

Section 1. Identification

GHS product identifier : ALC 50
Other means of identification : Not available.
Product type : Liquid
Product code : 4101200000
SDS # : 1141

Relevant identified uses of the substance or mixture and uses advised against

Product use: For professional use only. Industrial applications: Cleaning agent for machinery and equipment

Supplier's details : Lozier Oil Company
1 Sunny St.
Farmington, IL 61531
Tel: 309-245-4846
Fax: 309-245-4888

Emergency phone number : Chemtrec: 1-800-424-9300 (US & Canada)
+1 703-527-3887 (International)

Section 2. Hazard identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Classification of the substance or mixture : SKIN IRRITATION – Category 2
SERIOUS EYE DAMAGE – Category 1
SKIN SENSITIZATION – Category 1

Percentage of the mixture consisting of ingredient(s) of unknown oral toxicity: 3.5%
Percentage of the mixture consisting of ingredient(s) of unknown dermal toxicity: 3.5%
Percentage of the mixture consisting of ingredient(s) of unknown inhalation toxicity: 11.8%

GHS Hazard Symbols :



Signal Word : Danger

- Hazard Statements** : Causes serious eye damage.
Causes skin irritation
May cause an allergic skin reaction
- Precautionary Statements**
- Prevention** : Wear protective gloves. Wear eye or face protection. Avoid breathing vapor. Wash hands thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.
- Response** : IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.
- Storage** : Not applicable.
- Disposal** : Dispose of content and container in accordance with local, regional, national and international regulations.
- Hazards not otherwise classified** : None known.

Section 3. Composition/information on ingredients

- Substance/mixture** : Mixture
- Other means of identification** : Not available

Ingredient name	%	CAS number
2,phenoxyethanol	≤10	122-96-6
Alcohols, C6-10, ethoxylated propoxylated	≤5	68987-81-5
(GHS) Burco APR-95	≤5	-
Propan-2-ol	≤3	67-63-0
4-Octanol, 3-amino-	≤3	1001354-72-8
3-iodo-2-propynyl butylcarbamate	<1	55406-53-6
1,2-benzisothiazol-3(2H)-one	<1	2634-33-5

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. Fire-aid measures

Description of necessary measures

- Eye Contact** : Get medical attention immediately. Call a poison center or physician. Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician.
- Inhalation** : Get medical attention immediately. Call a poison center or physician. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.

- Skin contact** : Get medical attention immediately. Call a poison center or physician. Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Chemical burns must be treated promptly by a physician. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove denture if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Chemical burns must be treated promptly by a physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as collar, tie, belt, or waistband.

Most important symptoms/effects, acute and delayed

Potential acute health effects

- Eye contact** : Causes serious eye damage.
- Inhalation** : No known significant effects or critical hazards.
- Skin contact** : Causes skin irritation. May cause an allergic skin reaction.
- Ingestion** : No known significant effects or critical hazards

Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:
Pain or irritation
Watering
Redness
- Inhalation** : No specific data
- Skin contact** : Adverse symptoms may include the following:
Pain or irritation
Redness
Blistering may occur
- Ingestion** : Adverse symptoms may include the following:
Stomach pains

Indication of immediate medical attention and special treatment needed, if necessary

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.
- Unsuitable extinguishing media** : None known.
- Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
Carbon dioxide
Carbon monoxide
Nitrogen oxides
Sulfur oxides
Metal oxide/oxides
- Special protective actions for fire-fighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Special protect equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal cautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Do not breath vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information for “non-emergency personnel”.
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows: contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite, or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 or emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not ingest. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, keep tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

- Advice on general occupations hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, way from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient Name	Exposure limits
2-phenoxyethanol	None.
Alcohols, C6-10, ethoxylated propoxylated	None.
(GHS) Burrco APR-95	None.
Propan-2-ol	<p>ACGIH TLV (United States, 3/2017). TWA: 200 ppm 9 hours STEL: 400 ppm 15 minutes.</p> <p>OSHA PEL 1989 (United States, 3/1989) TWA: 400 ppm 8 hours TWA: 980 mg/m³ 8 hours STEL: 500 ppm 15 minutes STEL: 1225 mg/m³ 15 minutes</p> <p>NIOSH REL (United States, 10/2016). TWA: 400 ppm 10 hours TWA: 980 mg/m³ 10 hours STEL: 500 ppm 15 minutes STEL: 1225 mg/m³ 15 minutes</p> <p>OSHA PEL (United States, 6/2016) TWA: 400 ppm 8 hours TWA: 980 mg/m³ 8 hours</p>
4-Octanol, 3-amino-	None.
3-iodo-2-propynyl butylcarbamate	None.
1,2-benzisothiazol-3(2H)-one	None.

- Appropriate engineering controls** : If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure the comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measure, such as personal protective equipment:

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking an using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash

contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face Protection : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggle and/or face shield. If inhalation hazards exist, a full-face respiratory may be required instead.

Skin Protection

Hand protection : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

Body protection : Personal protective equipment for body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training and other important aspects of use.

Section 9. Physical and chemical properties

Appearance

Physical state	: Liquid [Clear.]
Color	: Amber. [Light]
Odor	: Mild. Solvent.
pH	: 9.6 to 10.4
Melting point	: -1.11°C (30°F)
Boiling point	: 100°C (212°F)
Flash point	: Closed cup: Not applicable [Product does not sustain combustion.]
Evaporation Rate	: Not available.
Flammability (solid, gas)	: Non-flammable in the presence of the following materials or conditions: open flames, sparks and static discharge and heat.
Upper flammability or explosive limits	: Not available
Lower flammability or explosive limits	: Not available.
Vapor pressure	: Not available.
Vapor density	: Not available.
Density	: 1.03 to 1.05 g/cm ³
Solubility	: Insoluble in the following materials: cold water.
Partition coefficient: n-octanol/water	: Not available.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available
Viscosity	: Not available.
VOC	: 23.0 g/L
VOC Method	: ASTM E 1868

Section 10. Stability and reactivity

- Reactivity** : No specific test data related to reactivity available for this product or its ingredients
- Chemical stability** : This product is stable.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid** : No specific data.
- Incompatible materials** : No specific data.
- Hazardous decomposition products** : Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
2-phenoxyethanol	LD50 Dermal	Rat	14422 mg/kg	-
	LD50 Oral	Rat	1260 mg/kg	-
Propan-2-ol	LD50 Dermal	Rabbit	12800 mg/kg	-
	LD50 Oral	Rat	5000 mg/kg	-
4-Octanol, 3-amino-	LD50 Oral	Rat	550 mg/kg	-
3-iodo-2-propynyl butylcarbamate	LD50 Oral	Rat	1470 mg/kg	-
1,2-benzisothiazol-3(2H)-one	LD50 Oral	Rat	1020 mg/kg	-

Conclusion/summary : No known significant effects or critical hazards

Irritation/Corrosion

Chemical Name	Result	Species	Score	Exposure	Observation
2-phenoxyethanol	Eyes – Moderate irritant	Rabbit	-	6 milligrams	-
	Eyes – Severe irritant	Rabbit	-	24 hours 250 micrograms	-
	Skin – Mild irritant	Rabbit	-	24 hours 500 milligrams	-
Propan-2-ol	Eyes – Moderate irritant	Rabbit	-	24 hours 100 milligrams	-
	Eyes – Moderate irritant	Rabbit	-	10 milligrams	-
	Eyes – Severe irritant	Rabbit	-	100 milligrams	-
	Skin – Mild irritant	Rabbit	-	500 milligrams	-
1,2-benzisothiazol-3(2H)-one	Skin – Mild irritant	Human	-	48 hours 5 percent	-
	Skin – Irritant	Rabbit	-	-	-

Conclusion/summary

- Skin** : Causes skin irritation.
- Eyes** : Causes serious eye damage.
- Respiratory** : Repeated or prolonged exposure to spray or mist may product respiratory tract irritation. Pre-existing respiratory disorders may be aggravated by over-exposure to this product.

Sensitization

Product/ingredient name	Route of exposure	Species	Result
4-Octanol, 3-amino-	Skin	Guinea pig	Not sensitizing
1,2-benzisothiazol-3(2H)-one	Skin	Guinea pig	Sensitizing

Conclusion/summary

Skin : May cause an allergic skin reaction.
Respiratory : Sensitization not suspected for humans.

Mutagenicity

Conclusion/Summary There are no data available on the mixture itself. Mutagenicity not suspected for humans.

Carcinogenicity

Conclusion/Summary There are no data available on the mixture itself. Carcinogenicity not suspected for humans.

Classification

Product/ingredient name	OSHA	IARC	NTP
Propan-2-ol	-	3	-

Reproductive Toxicity

Conclusion/Summary There are no data available on the mixture itself. Not considered to be dangerous to humans.

Teratogenicity

Conclusion/Summary There are no data available on the mixture itself. Teratogenicity not suspected for humans.

Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
Propan-2-ol	Category 3	Not applicable.	Narcotic effects
3-iodo-2-propynyl butylcarbamate	Category 3	Not applicable.	Respiratory tract irritation

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

Information on the likely routes of exposure : Routes of entry anticipated: Oral, Dermal, Inhalation

Potential acute health effects

Eye contact : Causes serious eye damage.
Inhalation : No known significant effects or critical hazards.
Skin contact : Causes skin irritation. May cause an allergic skin reaction.
Ingestion : No known significant effects or critical hazards

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact : Adverse symptoms may include the following:
Pain or irritation
Watering
Redness
Inhalation : No specific data.
Skin contact : Adverse symptoms may include the following:
Pain or irritation
Redness
Blistering may occur
Ingestion : Adverse symptoms may include the following:
Stomach pains

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects : Not available

Potential delayed effects : Not available

Long term exposure

Potential immediate effects : Not available.

Potential delayed effects : Not available.

Potential chronic health effects

Conclusion/Summary : No known significant effects or critical hazards.

General : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.

Carcinogenicity : No known significant effects or critical hazards.

Mutagenicity : No known significant effects or critical hazards.

Teratogenicity : No known significant effects or critical hazards.

Developmental effects : No known significant effects or critical hazards.

Fertility effects : No known significant effects or critical hazards.

Numerical measures of toxicity

Acute toxicity estimates

Route	ATE Value
Oral	7227.6 mg/kg

Section 12. Ecological information

Toxicity

Product/ingredient name	Result	Species	Exposure
2-phenoxyethanol	Acute LC50 344000 ug/l Fresh water	Fish – Pimephales promelas	96 hours
Propan-2-ol	Acute EC50 10100 mg/l Fresh water	Daphnia – Daphnia magna	48 hours
	Acute LC50 1400000 ug/l Marine water	Crustaceans – Crangon crangon	48 hours
	Acute LC50 4200 mg/l Fresh water	Fish – Rasbora heteromorpha	96 hours
3-iodo-2-propynyl butylcarbamate	Acute LC 50 500 ppb Fresh water	Crustaceans – Hyafella Azteca	48 hours
	Acute LC50 40 ppb Fresh water	Daphnia – Daphnia magna	48 hours
	Acute LC50 67 ug/l Fresh water	Fish – Oncorhynchus mykiss – Juvenile (Fledgling, Hatchling, Weanling)	96 hours
	Chronic NOEC 8.4 ppb	Fish – Pimephales promelas	35 days
1,2-benzisothiazol-3(2H)-one	EC50 0.11 mg/l	Algae	3 days
	EC50 2.94 mg/l	Daphnia	2 days
	LC 50 2.18 mg/l	Fish	4 days

Conclusion/Summary : Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Persistence and degradability

Conclusion/Summary : This product has not been tested for biodegradation. Expected to be biodegradable. This product is not expected to bioaccumulate through food chains in the environment.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
1,2-benzisothiazol-3(2H)-one	-	-	Readily

Bioaccumulative potential

Product/ingredient name	LogP _{ow}	BCF	Potential
2-phenoxyethanol	1.107	0.3493	Low
Propan-2-ol	0.05	-	Low
4-Octanol, 3-amino-	1.3	-	low

Mobility in soil

Soil/water partition : Not available

coefficient (Koc)

Other adverse effects : No known significant effects or critical hazards

Section 13. Disposal considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport Information

	DOT Classification	TDG Classification	Mexico Classification	ADR/RID	IMDG	IATA
UN number	Not regulated	Not available	Not available	Not available	Not available	Not available
Un proper shipping name	-	Not available	Not available	Not available	Not available	Not available
Transport hazard class(es)	-	Not available.	Not available	Not available	Not available	Not available.
Packing group	-	-	-	-	-	-
Environmental hazard	No.	No.	No.	No.	No.	No.

Special precautions for user : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage

Transport in bulk according to Annex II of MARPOL and the IBC Code : Not available.

Section 15. Regulatory information

U.S Federal regulations : **TSCA 8(a) CDR Exempt/Partial exemption:** Not determined
Commerce control list precursor: 2,2',2"-nitrotriethanol

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs) : Listed

Clean Air Act Section 602 Class I Substances : Not listed

Clean Air Act Section 602 Class II Substances : Not listed

DEA List 1 (Precursor Chemicals) : Not listed

DEA List II Chemicals (Essential Chemicals) : Not listed

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ : Not applicable

SARA 311/312

Classification : SKIN IRRITATION – Category 2
SERIOUS EYE DAMAGE – Category 1
SKIN SENSITIZATION – Category 1

Composition/information on ingredients

Name	%	Classification
2-phenoxyethanol	≤10	ACUTE TOXICITY (Oral) – Category 4 EYE IRRITATION – Category 2A
Alcohols, C6-10, ethoxylated propoxylated	≤5	SKIN IRRITATION – Category 2 SERIOUS EYE DAMAGE – Category 1
(GHS) Burco APR-95	≤5	ACUTE TOXICITY (oral) – Category 4 SERIOUS EYE DAMAGE – Category 1
Propan-2-ol	≤3	FLAMMABLE LIQUIDS – Category 2 EYE IRRITATION – Category 2A SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) – Category 3
4-Octanol, 3-amino-	≤3	ACUTE TOXICITY (oral) – Category 4 SKIN CORROSION – Category 1B SERIOUS EYE DAMAGE – Category 1
3-iodo-2-propynyl butylcarbamate	<1	ACUTE TOXICITY (oral) – Category 4 ACUTE TOXICITY (dermal) – Category 4 SERIOUS EYE DAMAGE – Category 1 SKIN SENSITIZATION – Category 1 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) – Category 3
1,2-benzisothiazol-3(2H)-one	<1	ACUTE TOXICITY (oral) – Category 4 SKIN IRRITATION – Category 2 SERIOUS EYE DAMAGE – Category 1 SKIN SENSITIZATION – Category 1

SARA313

Component	Product name	CAS number	%
Form R – Reporting Requirements	2-phenoxyethanol	122-99-6	3-7
Supplier notification	2-phenoxyethanol	122-96-6	3-7

State regulations

Massachusetts : The following components are listed: TRIETHANOLAMINE; ISOPROPYL ALCOHOL; 2-PROPANOL; GLYCERINE MIST

New York : None of the components are listed

New Jersey : The following components are listed: TRIETHANOLAMINE; ETHANOL, 2,2',2"-NITRILOTRIS-; GLYCOL ETHERS; ISOPROPYL ALCOHOL; 2-PROPANOL; GLYCERIN; 1,2,3-PROPANETRIOL

Pennsylvania : The following components are listed: ETHANOL, 2,2',2"-NITRILOTRIS-; PROPANOL, OXYBIS-; 2-PROPANOL; 1,2,3-PROPANETRIOL

California Prop. 65

This product does not require a Safe Harbor warning under California Prop. 65
None of the components are listed.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Ingredient name	List name	Status
Triethanolamine	Schedule III	Listed.

Montreal Protocol (Annexes A,B,C,E)

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Inventory List

Australia	:	Not determined.
Canada	:	At least one component is not listed in DSL but all such components are listed in NDSL.
China	:	Not determined.
Europe	:	All components are listed or exempted.
Japan	:	Not determined.
New Zealand	:	Not determined.
Philippines	:	Not determined.
Republic of Korea	:	All components are listed or exempted.
Taiwan	:	Not determined.
United States	:	All components are listed or exempted.

Section 16. Other information

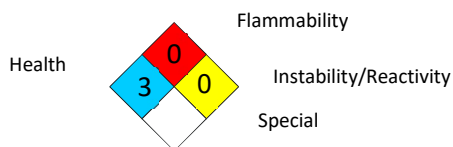
Hazardous Material Information System (U.S.A.)

Health	/	3
Flammability		0
Physical hazards		0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

National Fire Protection Association (U.S.A.)



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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

Procedure used to derive the classification

Classification	Justification
SKIN IRRITATION – Category 2	Calculation method
SERIOUS EYE DAMAGE – Category 1	Calculation method
SKIN SENSITIZATION – Category 1	Calculation method

History

Date of issue/Date of revision : 6/19/2020

Date of previous issue : 1/21/2020

Version : 3.02

Key to abbreviations

: ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
UN = United Nations Not available.

References : Not available.

Indicates information that has changed from previously issued version.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.