

Section 1 ~ Identification

Identity (As Used On Label and List) Q2016 RUST X Q	Date Prepared: 05/29/23
Company Information: KAYLINE COMPANY, INC.	Emergency Telephone Number: 1-800-424-9300
Address (Number, Street, Suite/Apt#) 3303 LAKESIDE AVENUE	Telephone Number for Information: 1-800-426-5820
(City, State, and Zip Code) CLEVELAND, OH 44114	Signature of Prepare (Optional) REGULATORY DEPT.

Section 2 ~ Hazard(s) Identification

Classifications	GHS-US classification Not classified
Label Elements	GHS US labelling Hazard pictograms (GHS US)
Other Hazards	No additional information available
Unknown acute toxicity (GHS US)	Not applicable.

Section 3 ~ Composition/Information on Ingredients

Substances
Not applicable

Mixtures

<u>Name</u>	<u>Product identifier</u>	<u>%</u>	<u>GHS-US classification</u>
Butoxyethanol (Solvent)	(CAS-No.) 111-76-2	1-5 Flam.	Liq. 4, H227 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Asp. Tox. 1, H304

All hazardous chemicals, as determined by 29 CFR 1910.1200 have been listed. A specific chemical identity and/or percentage of composition has been withheld as a trade secret. Any concentration shown as a range is to protect confidentiality or is due to batch variation.

Section 4 ~ First Aid Measures

Description of first aid measures

First-aid measures general: If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation: Remove the victim into fresh air.

First-aid measures after skin contact: Rinse skin with water/shower.

First-aid measures after eye contact: Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing.

First-aid measures after ingestion: Rinse mouth with water. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Symptoms/effects: Not expected to present a significant hazard under anticipated conditions of normal use.

Symptoms/effects after inhalation: None under normal use.

Symptoms/effects after skin contact: Contact during a long period may cause light irritation.

Symptoms/effects after eye contact: Direct contact with the eyes is likely to be irritating.

Symptoms/effects after ingestion: Gastrointestinal complaints.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

Section 5 ~ Firefighting Measures

Extinguishing media

Suitable extinguishing media: All extinguishing media allowed.

Special hazards arising from the substance or mixture

Reactivity: Upon combustion: CO and CO2 are formed.

Advice for firefighters

Firefighting instructions: Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Take account of environmentally hazardous firefighting water.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Section 6 ~ Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

General measures: Isolate from fire, if possible, without unnecessary risk.

For non-emergency personnel

Protective equipment: Protective goggles. Gloves. Protective clothing.

Emergency procedures: Evacuate unnecessary personnel. Avoid contact with skin, eyes and clothing. Ventilate spillage area.

For emergency responders

Protective equipment: Equip cleanup crew with proper protection.

Emergency procedures: Stop leak if safe to do so. Stop release. Ventilate area.

Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

Methods and material for containment and cleaning up

For containment: Contain released product, collect/pump into suitable containers.

Methods for cleaning up: This material and its container must be disposed of in a safe way, and as per local legislation.

Reference to other sections

No additional information available

Section 7 ~ Handling and Storage

Precautions for safe handling

Precautions for safe handling: Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing.

Hygiene measures: Wash thoroughly after handling. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Technical measures: Comply with applicable regulations.

Storage conditions: Keep container closed when not in use. Keep only in original container.

Storage area: Meet the legal requirements. Store in a cool area. Store in a well-ventilated place.

Special rules on packaging: meet the legal requirements.

Section 8 ~ Exposure Controls/Personal Protection

Control parameters

Butoxyethanol (111-76-2)

ACGIH	ACGIH OEL TWA	20 ppm
ACGIH	Remark (ACGIH)	TLV® Basis: Eye & URT irr. Notations: A3
		(Confirmed Animal Carcinogen with Unknown Relevance to Humans); BEI
OSHA	OSHA PEL TWA	240 mg/m ³
OSHA	OSHA PEL TWA	50 ppm

Exposure controls

Personal protective equipment: Gloves. Safety glasses. Protective clothing. Use appropriate personal protective equipment when risk assessment indicates this is necessary.



Section 9 ~ Physical and Chemical Properties

Physical state: Liquid

Appearance: Beige, opaque emulsion

Odour: Bland odor

Odour threshold: No data available

pH: 1.5 – 3

Melting point: No data available

Freezing point: No data available

Boiling point: No data available

Flash point: > 200 °F

Relative evaporation rate (butylacetate=1): No data available

Flammability: No data available

Explosive limits: No data available

Explosive properties: No data available

Oxidising properties: No data available

Vapour pressure: No data available

Relative density: No data available

Relative vapour density at 20°C: No data available

Density: 1.06 g/ml

Solubility: Soluble in water.

Partition coefficient n-octanol/water (Log Pow): No data available

Partition coefficient n-octanol/water (Log Kow): No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity: No data available

Viscosity, kinematic: No data available

Viscosity, dynamic: No data available

VOC content: ≤ 3 %

Section 10 ~ Stability and Reactivity

Reactivity

Upon combustion: CO and CO₂ are formed.

Chemical stability

No additional information available

Possibility of hazardous reactions

Refer to section 10.1 on Reactivity.

Conditions to avoid

No additional information available

Incompatible materials

No additional information available

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: Not classified

Butoxyethanol (111-76-2)

LD50 oral rat	1300 mg/kg
LD50 dermal rat	> 2000 mg/kg
ATE CLP (oral)	1300 mg/kg bodyweight
ATE CLP (dermal)	1100 mg/kg bodyweight
ATE CLP (dust,mist)	1.5 mg/l/4h

Skin corrosion/irritation: Not classified pH: 1.5 – 3

Serious eye damage/irritation: Not classified pH: 1.5 – 3

Respiratory or skin sensitisation: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Butoxyethanol (111-76-2)

IARC group 3 - Not classifiable

Reproductive toxicity: Not classified

STOT-single exposure: Not classified

STOT-repeated exposure: Not classified

Butoxyethanol (111-76-2)

NOAEL (oral, rat, 90 days) see comments

NOAEL (dermal, rat/rabbit, 90 days) see comments

Aspiration hazard: Not classified

Symptoms/effects after inhalation: None under normal use.

Symptoms/effects after skin contact: Contact during a long period may cause light irritation.

Symptoms/effects after eye contact: Direct contact with the eyes is likely to be irritating.

Symptoms/effects after ingestion: Gastrointestinal complaints.

Likely routes of exposure: Skin and eyes contact

Section 12 ~ Ecological Information

Toxicity**Butoxyethanol (111-76-2)**

LC50 - Fish [1]	1474 mg/l <i>Oncorhynchus mykiss</i>
EC50 - Crustacea [1]	100 mg/l Water flea
ErC50 algae	1840 mg/l <i>Pseudokirchneriella subcapitata</i>
NOEC chronic fish	> 100 mg/l
NOEC chronic crustacea	100 mg/l daphnid

Persistence and degradability

No additional information available

Bioaccumulative potential

No additional information available

Section 13 ~ Disposal Considerations

Waste treatment methods

Waste treatment methods: Dispose of contents/container to comply with local/regional/national/international regulations.

Section 14 ~ Transportation Information

Department of Transportation (DOT)

In accordance with DOT: Not regulated for transport

Additional information

Other information: No supplementary information available.

ADR

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

Section 15 ~ Regulatory Information

US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventor



This product can expose you to chemicals including Vinylidene chloride (1,1-Dichloroethylene), which is known to the State of California to cause cancer, and Ethylene glycol (ingested), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Section 16 ~ Other Information

Training advice: Normal use of this product shall imply use in accordance with the instructions on the packaging.

	NFPA		Key
HEALTH	1		4= Severe
FLAMMABILITY	0		3= Serious
REACTIVITY	0		2= Moderate
			1= Slight
			0= Minimal

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End of Safety Data Sheet