



SAFETY DATA SHEET

Date Issued : 02/18/2010

SDS No : 1005

Date Revised : 08/08/2019

Revision No : 8

Qualitek® Everkleen 1005 Buffered Saponifier

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Qualitek® Everkleen 1005 Buffered Saponifier**PRODUCT DESCRIPTION:** Saponifier**MANUFACTURER**

Qualitek International, Inc.

315 Fairbank St.

Addison, IL 60101

Emergency Phone: (800) 535-5053**Customer Service:** (630) 628-8083**24 HR. EMERGENCY TELEPHONE NUMBERS**

1-800-535-5053 Infotrac

1-352-323-3500 Outside the U.S.

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS**Health:**

Eye Irritation, Category 2A

Skin Irritation, Category 2

GHS LABEL

Corrosion

Exclamation
mark**SIGNAL WORD: WARNING****HAZARD STATEMENTS**

H290: May be corrosive to metals.

H319: Causes serious eye irritation.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

PRECAUTIONARY STATEMENT(S)**Prevention:**

P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P304+P341: IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position



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comfortable for breathing.

P302+P352: IF ON SKIN: Wash with plenty of water/...

Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

Disposal:

P501: Dispose of contents/container in accordance to local/regional/national/international regulations.

POTENTIAL HEALTH EFFECTS

EYES: May cause eye irritation.

SKIN: Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis).

INGESTION: Minimal toxicity. Small amounts of the liquid aspirated into the respiratory system during ingestion, or from vomiting, may cause bronchiopneumonia or pulmonary edema.

INHALATION: May be irritating to the mucous membranes and to the respiratory tract.

CARCINOGENICITY: This product contains no components at concentrations of 0.1 percent or greater that are listed by IARC, NTP, OSHA or ACGIH as carcinogens.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS
2-Aminoethanol	< 40	141-43-5
Ethanol, 2-(2-butoxyethoxy)-	< 30	112-34-5
Water	< 20	7732-18-5
Tetrahydrofurfuryl Alcohol	< 15	97-99-4

4. FIRST AID MEASURES

EYES: Remove any contact lenses. Immediately flush eyes with large quantities of water for at least 15 minutes. Get immediate medical attention.

SKIN: Immediately flush with large amounts of water. Use soap if available. Remove contaminated clothing, including shoes, after flushing has begun. Get medical attention as soon as possible.

INGESTION: If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention.

INHALATION: Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Stinging, tearing, redness and swelling.

SKIN: Redness, burning, drying, cracking and rash.



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INGESTION: Nausea, vomiting, impaired coordination, diarrhea, dizziness, drowsiness, weakness, fatigue, headache and loss of consciousness.

COMMENTS: If victims of chemical over-exposure are taken for medical attention, give a copy of the label or this SDS to the physician/health care professional.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use media for surrounding fire conditions.

FIRE FIGHTING PROCEDURES: Cool containers with water to prevent rupturing.

FIRE FIGHTING EQUIPMENT: Self contained breathing apparatus and full protective turn-out gear.

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb spilled material with sand or other noncombustible absorbent material and place into containers for later reclamation or disposal.

LARGE SPILL: Contain spilled liquid with sand, absorbent material, or concrete dikes for recovery or disposal. Collect spilled material for disposal in accordance with all applicable Federal, State and Local regulations.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Contain spill. Prevent contact with eyes, skin and clothing. Prevent flow to larger or flowing bodies of water. Isolate and take up material for recovery or disposal.

LAND SPILL: In the event of a land spill, prevent liquid from entering sewers, watercourses, or low areas.

7. HANDLING AND STORAGE

HANDLING: Keep container closed. Handle and open containers with care. DO NOT handle near an open flame, heat, or other sources of ignition. DO NOT pressurize, cut, heat, or weld containers. Empty product containers may contain product residue. DO NOT reuse empty containers without commercial cleaning or reconditioning.

STORAGE: Store in a cool, well ventilated place away from incompatible materials. Do not store near an open flame, heat, or other source of ignition. Protect materials from direct sunlight.

ELECTROSTATIC ACCUMULATION HAZARD: Use proper grounding and bonding procedures when transferring material.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION



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Date Revised : 08/08/2019

Revision No : 8

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EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
	EXPOSURE LIMITS			
Chemical Name	Type		ppm	mg/m³
2-Aminoethanol	OSHA PEL	TWA	3 ppm ^[1]	6 mg/m3 ^[1]
		STEL	NL ppm	NL mg/m3
	ACGIH TLV	TWA	3 ppm	7.5 mg/m3
		STEL	6 ppm	15 mg/m3
	Supplier OEL	TWA	NL ppm	NL mg/m3
		STEL	NL ppm	NL mg/m3
Tetrahydrofurfuryl Alcohol	OSHA PEL	TWA	NE ppm ^[2]	NE mg/m3 ^[2]
		STEL	NE ppm	NE mg/m3
	ACGIH TLV	TWA	NE ppm	NE mg/kg
		STEL	NE ppm	NE mg/kg
	Supplier OEL	TWA	NE ppm	NE mg/m3
		STEL	NE ppm	NE mg/m3
Footnotes: 1. NL = Not Listed 2. NE = Not Established				

ENGINEERING CONTROLS: Provide general and/or local exhaust ventilation to control airborne levels below the OSHA/ACGIH exposure guidelines.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear splash goggles or glasses with face shield.

SKIN: Neoprene rubber gloves, impermeable gloves, cuffed butyl-rubber gloves, or nitrile rubber gloves.

RESPIRATORY: Atmospheric levels should be maintained below the exposure guideline. For most conditions, no respiratory protection should be needed; however, if handling at elevated temperatures and/or without sufficient ventilation, use a NIOSH/MSHA approved air-purifying respirator.

PROTECTIVE CLOTHING: Protective clothing and safety shoes as necessary to minimize contact.

WORK HYGIENIC PRACTICES: Good personal hygiene practices should be used. Wash after any contact, before eating, and at the end of the work period.



SAFETY DATA SHEET

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OTHER USE PRECAUTIONS: Eye wash station and quick drench safety shower in immediate work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Characteristic odor.

COLOR: Amber

pH: 10.0 to 10.9

FLASH POINT AND METHOD: (198°F)

FLAMMABLE LIMITS: 3.2% to 20.8%

AUTOIGNITION TEMPERATURE: (585°F)

VAPOR PRESSURE: 0.02 mmHg

VAPOR DENSITY: 3.1

BOILING POINT: 171°C (340°F)

MELTING POINT: Not Applicable

SOLUBILITY IN WATER: Complete

EVAPORATION RATE: < 2.3 (n-Butyl Acetate=1)

SPECIFIC GRAVITY: 1.022 to 1.035

10. STABILITY AND REACTIVITY

HAZARDOUS POLYMERIZATION: Will not occur under normal use and storage conditions.

STABILITY: Stable under ordinary use and storage conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

INCOMPATIBLE MATERIALS: Strong bases and strong oxidizing materials.

11. TOXICOLOGICAL INFORMATION

GENERAL COMMENTS: No toxicological information available at this time.

12. ECOLOGICAL INFORMATION

GENERAL COMMENTS: Biodegradable

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose of this material, contaminated absorbent material and other contaminated materials in an approved waste disposal facility, according to all applicable Federal, State, and Local regulations. Recovery and reuse, rather than disposal, should be the ultimate goal in handling efforts.

EMPTY CONTAINER: Empty drums should be completely drained, properly bunged and promptly returned to a



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drum reconditioner, or otherwise properly disposed of.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Ethanolamine solution

PRIMARY HAZARD CLASS/DIVISION: 8

UN/NA NUMBER: UN2491

PACKING GROUP: III

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HEALTH HAZARDS: Acute health and chronic health hazard.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Not subject to any special reporting under the requirements of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS	TSCA SECTION
2-Aminoethanol	141-43-5	
Ethanol, 2-(2-butoxyethoxy)-	112-34-5	12b,
Water	7732-18-5	

TSCA STATUS: All ingredients are listed or are exempt from listing (as polymers) on the Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

CALIFORNIA PROPOSITION 65: ⚠ **WARNING:** This product can expose you to chemicals including [see table below], which is [are] known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

16. OTHER INFORMATION

REASON FOR ISSUE: New format

APPROVED BY: P. Han **TITLE:** Technical Director

PREPARED BY: J. Saleda-Layton **Date Revised:** 08/08/2019

INFORMATION CONTACT: (630) 628-8083

REVISION SUMMARY: This SDS replaces the 08/21/2017 SDS. Revised: **Section 3:** .



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HMIS RATING

HEALTH	<input type="checkbox"/>	2
FLAMMABILITY		2
PHYSICAL HAZARD		0
PERSONAL PROTECTION		C

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