

MATERIAL SAFETY DATA SHEET

JohnsonDiversey
Clean is just the beginning



CLAX

Emulsa-Tech

HMIS		NFPA	Personal protective equipment	
Health	2	2		
Fire Hazard	2	2		
Reactivity	0	0		

Version Number: 3

Preparation date: 2005-03-08

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Emulsa-Tech
MSDS #: F-00573001
Product code: 3367262
Recommended use: Laundry care.

Manufacturer, importer, supplier:
 US Headquarters
 JohnsonDiversey, Inc.
 8310 16th St.
 Sturtevant, Wisconsin 53177-0902
 Phone: 1-888-352-2249
 MSDS Internet Address:
 www.johnsondiversev.com

Canadian Headquarters
 JohnsonDiversey - Canada, Inc.
 2401 Bristol Circle
 Oakville, Ontario L6H 6P1
 Phone: 1-800-668-3131

Emergency telephone number: 1-800-851-7145 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER. HARMFUL OR FATAL IF SWALLOWED. COMBUSTIBLE LIQUID AND VAPOR. CAUSES EYE AND SKIN IRRITATION.

Principle routes of exposure: Eyes. Skin. Inhalation. Ingestion.
Skin contact: Moderately irritating to the skin.
Eye contact: Severe eye irritation.
Inhalation: May be irritating to nose, throat, and respiratory tract.
Ingestion: May be irritating to mouth, throat and stomach. Aspiration into the lungs may cause chemical pneumonitis.

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS

Ingredient	CAS #	Weight %	LD50 Oral	LD50 Dermal	LC50 Inhalation
Ethoxylated alcohol	66455-14-9	30 - 40%	10 g/kg (rat)	2 g/kg (rat)	Not available
Naphtha (petroleum), heavy alkylate	64741-65-7	60 - 70%	Not available	Not available	Not available

4. FIRST AID MEASURES

Eye contact: Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.
Skin contact: Flush immediately with plenty of water for at least 15 minutes. Get medical attention.
Inhalation: If breathing is affected, remove to fresh air. Get medical attention.
Ingestion: DO NOT induce vomiting. If able to swallow, offer sips of water or milk. GET MEDICAL ATTENTION IMMEDIATELY. Never give anything by mouth to an unconscious person.
Notes to physician: Treat symptomatically.
Aggravated Medical Conditions: Persons with pre-existing skin disorders may be more susceptible to irritating effects.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Dry chemical, water spray, foam, carbon dioxide.
Specific hazards: Keep product and empty container away from heat and sources of ignition.
Unusual hazards: None known.
Specific methods: In the event of fire, cool tanks with water spray.
Autoignition temperature: No information available.

Special protective equipment for firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

Extinguishing media which must not be used for safety reasons: Do not use a solid water stream as it may scatter and spread fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Use spark-proof tools and explosion-proof equipment. Put on appropriate personal protective equipment (see Section 8.).

Environmental precautions and clean-up methods: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

7. HANDLING AND STORAGE

Handling:

Avoid contact with skin, eyes and clothing. Do not taste or swallow. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Keep away from open flames, hot surfaces and sources of ignition. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. All precautions for handling the product must be used in handling the empty container and residue. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

Storage:

Keep tightly closed in a dry, cool and well-ventilated place. Keep away from heat. Keep out of the reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:

Respiratory protection is not required if good ventilation is maintained. In case of insufficient ventilation wear suitable respiratory equipment..

Personal Protective Equipment

Eye protection: Safety glasses with side-shields.

Hand protection: Chemical resistant gloves. Includes rubber gloves.

Skin and body protection: No special requirements under normal use conditions. If major exposure is possible, wear suitable protective clothing and footwear.

Respiratory protection: No special requirements under normal use conditions.

Hygiene measures: Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Color: Colourless

Odor: Citrus

Specific gravity: 0.805 g/cc

Dilution pH: 5.5 (1%)

Bulk density: No information available

Vapor density: No information available

Evaporation rate: No information available

Solubility in other solvents: No information available

Viscosity: No information available

Partition coefficient (n-octanol/water): No information available

Appearance: Liquid

Boiling point/range: Not determined

Melting point/range: Not determined

pH: 7

Density: 0.805 g/ml

Decomposition temperature: Not determined

Autoignition temperature: No information available

Solubility: Emulsifiable

VOC: < 70%

Flash point: 145 (°F) 62.7 (°C)

10. STABILITY AND REACTIVITY

Stability: Stable under recommended storage conditions..

Polymerization: Hazardous polymerisation does not occur.

Hazardous decomposition products: None reasonably foreseeable.

Materials to avoid: None known.

Conditions to avoid: Keep away from open flames, hot surfaces and sources of ignition.

11. TOXICOLOGICAL INFORMATION

Acute toxicity Oral, LD50 estimated to be between 2000 - 3000 mg/kg, Dermal, LD50 estimated to be > 2000 mg/kg.

Component Information: See Section 3

Chronic toxicity: None known

Specific effects

Carcinogenic effects: No information available.

Mutagenic effects: None known

Reproductive toxicity: None known

Target organ effects: None known

12. ECOLOGICAL INFORMATION

Environmental Information: no data available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products:

Undiluted product is regulated under environmental and transportation laws as an ignitable waste . Dispose of according to all federal, state and local applicable regulations .

14. TRANSPORT INFORMATION

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

15. REGULATORY INFORMATION

International Inventories

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Australia (AICS), Philippines (PICCS), China (IECSC).

U.S. Regulations

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65

STATE RIGHT TO KNOW

Ingredient	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:	ILRTK:	CTRTK:
Water	7732-18-5	-	-	-	-	-	-
Ethoxylated alcohol	66455-14-9	-	-	-	-	-	-
Naphtha (petroleum), heavy alkylate	64741-65-7	-	-	-	-	-	-

CERCLA / SARA

None

CAA HAP/CAA ODS/CWA Priority Pollutants: None

Canada

WHMIS hazard class: D2B Toxic materials , B3 Combustible liquid .



16. OTHER INFORMATION

Reason for revision: Not applicable

Prepared by: NAPRAC

Additional advice: None

Notice to Reader: This document has been prepared using data from sources considered technically reliable. It does not constitute a warranty, express or implied, as to the accuracy of the information contained within. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.