

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1. COMPANY AND PRODUCT IDENTIFICATION:

MANUFACTURED FOR: Applied Chemical Innovation	EMERGENCY TELEPHONE NUMBER (Chemtrec): (800) 424 – 9300
ADDRESS: 1331 Summer Dawn Ave Las Vegas, CA. 89104	TELEPHONE NUMBER FOR INFO: (702) 816-0915
DATE PREPARED: 4/30/2014	FAX NO.
PRODUCT NAME: EUREKA	DESCRIPTION: Detergent

SECTION 2. HAZARDS IDENTIFICATION:

I. EMERGENCY OVERVIEW

Caution! May cause skin, eye, digestive tract and respiratory tract irritation.

II. POTENTIAL HEALTH EFFECTS

SKIN: Contact may cause redness, burns, and tissue destruction. Exposure can result in burns that are not immediately painful or visible.

EYES: Overexposure will cause severe burns and potential permanent damage.

INGESTION: May cause severe burns to the mucous membranes of the digestive tract.

INHALATION: May cause coughing, sneezing, or other symptoms of upper respiratory tract irritation. Overexposure may result in lung tissue damage due to corrosive effects.

CHRONIC EFFECTS AND MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: Chronic effects and medical conditions aggravated by overexposure to this product have not been established.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS:

The identity of individual components of this mixture is proprietary information and regarded to be a trade secret. However, based on the health hazard determination of ingredients present at a concentration greater than 1% and 0.1% or more of a carcinogenic substance, this mixture presents the following hazard:

HAZARDOUS COMPONENTS	% (RANGE)	CAS NO.	OSHA PEL	ACGIH TLV
Sodium Percarbonate	<25	15630-89-4	NE	inhalable 10 mg/m3
Disodium Trioxosilicate Anhydrous	<12	6834-92-0	NE	2 mg/m3
Sodium dodecyl benzene sulfonic acid	< 5	25155-30-0	NE	ND

SECTION 4. FIRST AID MEASURES:

SKIN: Flush the area thoroughly with water for at least 15 minutes. Remove contaminated clothing. Wash clothing before reuse. Discard non-rubber shoes. Get immediate medical attention.

EYES: Immediately flush eyes with a large volume of water for at least 15 minutes, alternately lifting the upper and lower eyelids. Get immediate medical attention.

INGESTION: Do NOT induce vomiting. If the victim is conscious, give several glasses of water or, if available, several glasses of milk. If vomiting occurs spontaneously, keep airway clear and give more water. Get

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immediate medical attention.

INHALATION: Move victim to fresh air. If breathing is difficult, have a trained person administer oxygen. If respiration stops, administer artificial respiration. Get immediate medical attention.

SECTION 5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA: Foam, CO₂, water fog, sand/earth

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

SPECIAL FIRE FIGHTING PROCEDURES: Must wear NIOSH approved or equivalent self-contained breathing apparatus and protective clothing.

SECTION 6. ACCIDENTAL RELEASE MEASURES:

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SECTION 7. HANDLING AND STORAGE:

USAGE PRECAUTIONS: Use as directed. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice.

STORAGE PRECAUTIONS: It is recommended that this material be stored in a cool area. Protect containers against damage. Keep closed until used. Store away from heat, sparks, open flame or sunlight. Keep out of reach of children.

OTHER PRECAUTIONS: N/A

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

ENGINEERING CONTROLS: Ensure adequate ventilation. Local exhaust is suggested for use in enclosed or confined areas. Maintain eye wash and shower equipment.

RESPIRATORY PROTECTION: Not required under normal conditions of use with adequate ventilation. Avoid breathing vapors and mists. If ventilation is not sufficient to effectively prevent buildup of vapors or mists and the exposure limit is exceeded, use a NIOSH/MSHA approved respirator, with a full-facepiece or a full-facepiece respirator with organic vapor cartridges.

SKIN PROTECTION: Wear rubber gloves as a minimum. Appropriate protective clothing should be worn depending on activity and possible exposure, e.g, head protection, apron, long-sleeve outer garment, or lab coat, and protective boots.

EYE PROTECTION: Wear safety glasses with side shields or chemical splash goggles. A full-face shield is recommended where there is a potential for eye contact.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES:

FLASH POINT: ND
BOILING POINT: ND
MELTING POINT: ND
VAPOR PRESSURE (mm Hg): ND
% VOLATILE BY VOLUME: ND
BULK DENSITY: 0.83
APPEARANCE: White Free Flowing Powder
ODOR / TASTE: Characteristic
SOLUBILITY IN WATER: Complete
pH: ≤ 5.0 @ 1% solution
VISCOSITY: NA

SECTION 10. STABILITY AND REACTIVITY:

STABILITY _____ Unstable X Stable

INCOMPATIBILITY (*Materials to Avoid*): Avoid contact with incompatibles. Avoid contact with strong oxidizing agents. This product reacts with some metals, e.g., aluminum, tin, zinc, and lead producing flammable hydrogen gas. It also reacts with acids and contact with water generates heat that may cause spattering.

HAZARDOUS DECOMPOSITION PRODUCTS: Fire conditions may result in the production of toxic carbon monoxide and carbon dioxide, and oxides of sodium, phosphorous, and silicon.

HAZARDOUS POLYMERIZATION: _____ MAY OCCUR X WILL NOT OCCUR

CONDITIONS TO AVOID: High temperatures and incompatibles.

SECTION 11. TOXICOLOGICAL INFORMATION:

Toxicological data is not available.

SECTION 12. ECOLOGICAL INFORMATION:

Ecological data is not available.

SECTION 13. DISPOSAL CONSIDERATIONS:

Collect and dispose of in accordance with Federal, State and Local laws and regulations.

SECTION 14. TRANSPORT INFORMATION:

DOT

U.S. DOT PROPER SHIPPING NAME: UN3085, OXIDIZING SOLID, CORROSIVE, N.O.S., (CONTAINS SODIUM PERCARBONATE AND SODIUM TRIOXOSILICATE), 5.1, (8), PGIII

SECTION 15. REGULATORY INFORMATION:

This product is not considered a carcinogen or cancer suspect under NTP, IARC and OSHA.

SARA Title III Section 313 (Toxic Chemicals): Sodium dodecyl benzene sulfonic acid (CAS 25155-30-0)

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SARA Title III Section 302 (Extremely Hazardous Substances): Ethylene oxide (CAS 75-21-8); SODIUM PERCARBONATE (CAS 15630-89-4) RQ = 100 LBS

SUPERFUND REPORTABLE QUANTITY CHEMICAL: Sodium dodecyl benzene sulfonic acid (CAS 25155-30-0) (RQ = 1000 lb); Ethylene oxide (CAS 75-21-8) (RQ = 10 lb)

CALIFORNIA DIRECTOR'S LIST OF HAZARDOUS SUBSTANCES: Sodium dodecyl benzene sulfonic acid (CAS 25155-30-0); Ethylene oxide (CAS 75-21-8)

PROPOSITION 65 (Chemicals known to the state of California to cause cancer or reproductive toxicity): This product may contain a trace of ethylene oxide (CAS 75-21-8).

LABEL: N/A

NFPA RATING: Health: 1 Fire: 0 Reactivity: 0

SECTION 16. OTHER INFORMATION:

NA: not applicable ND: not determined

Disclaimer: Information presented herein is believed to be accurate and reliable to the best of our knowledge. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process. Users should make their own investigations to determine the suitability of the information for their particular purposes.
