

1. IDENTIFICATION OF SUBSTANCE**Trade name: ENHANCE****Product Number: 8943****Application of the substance / the preparation**

Degreasing/Emulsifying Aid for Laundry and Wetcleaning Detergents

Manufacturer/Supplier:Fabritec International, Inc.
8145 Holton Drive, Suite 110
Florence, KY 41042 USA
(859) 781-8200**Further Information:**

Chemtrec Assistance (800) 424-9300 USA

2. HAZARDS IDENTIFICATION**Hazard Description: Skin irritant Category 2, Eye damage Category 1.**

GHS05

Signal word

Danger!

Hazard statement(s)

Causes skin irritation.

Causes serious eye damage.

Combustible liquid.

Precautionary statement(s)

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

Immediately call a POISON CENTER/doctor.

IF ON SKIN: Wash with plenty of water.

If skin irritation occurs: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

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

Keep away from flames and hot surfaces. – No smoking.

Store in a well-ventilated place. Keep cool.

3. COMPOSITION / INFORMATION ON INGREDIENTS**Chemical characterization:** Water based of mixture of substances.**CAS No. & Description:**

68081-81-2	Sodium benzenesulfonate	5-20 %
78330-21-9	Non-ionic surfactant	2-10 %
112-34-5	Diethylene Glycol Monobutyl Ether	5-20 %
5989-27-5	D-Limonene	<2 %

Exact percentages withheld due to trade secret

4. FIRST AID MEASURES

General information: Remove clothing contacted by the product.

After inhalation: Remove to fresh air.

After skin contact: Wash contacted skin with water.

After eye contact: Remove contacts if worn, flush eyes with water for 15 minutes- seek medical aid.

After swallowing: Give water; do not induce vomiting- seek medical help.

5. FIRE FIGHTING MEASURES

Suitable extinguishing agents: The product is not flammable. However, in the presence of a fire use Carbon dioxide, dry chemicals or water (foam) depending on type of fire.

Special hazards caused by the substance, its products of combustion or resulting gases: Oxides of carbon.

Protective equipment: Wear eye protection and chemical cartridge respirator with full face piece.

Additional information:

6. ACCIDENTAL RELEASE MEASURES

Person-related safety precautions: Wear eye protection.

Measures for environmental protection: For spills contain and absorb the product with absorbent materials. Do not allow product to contaminate water systems.

Measures for cleaning/collecting: Adsorb product on sand, saw dust, commercial hazard absorbents.

Additional information:

7. HANDLING AND STORAGE

Handling:

Information for safe handling: Provide adequate ventilation.

Information about fire and explosion prevention: Unknown.

Storage: Store in a well ventilated place. Keep cool.

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: None available.

Further information about storage conditions:

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Additional information about design of technical systems:

Ingredients with limit values that require monitoring at the workplace: Sodium hydroxide: 2 PPM (air)

Additional information:

Personal protective equipment: Wear Eye protection and barrier gloves when handling product.

General protective and hygienic measures: Avoid contact and wash hands prior to eating and drinking.

Respiratory protection: Use respiratory protection in the event of poor ventilation.

Protection of hands: Latex or other barrier gloves.

Eye protection: Wear safety glasses/goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information:**Form:** Liquid.**Color:** Water white to slight yellow tint.**Odor:** Citrus/orange.**Change in condition:****Melting point/Melting range:** not determined.**Boiling point/Boiling range:** $\pm 100^{\circ}\text{C}$.**Flash point:** $>141\text{F}$ **Auto-ignition temperature:** Not determined.**Decomposition temperature:** Not determined.**Danger of explosion:** Not applicable.**Density at 20° C (68°F):** 1.01**Solubility in/ Miscibility with water:** Completely.**pH value at 20°C (68°F):** ± 7 **Viscosity:** Not determined.

10. STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoided: Unknown.**Decomposition starts at:** Not determined.**Dangerous reactions:** None known.**Dangerous decomposition products:** oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:**LD/LC50 values that are relevant for classification:****Primary irritant effect:** Not determined.**On the skin:** Not determined.**On the eye:** Not determined.**Sensitization:** Unknown.**Additional toxicological information:**

12. ECOLOGICAL INFORMATION

Information about elimination (persistence and degradability): Not expected to persist in the environment.**Other information:****Behavior in environmental systems:** Unknown.**Mobility and bioaccumulation potential:** Unknown.**Ecotoxicological effects:** Unknown.**Acquatic toxicity:** Unknown.**General notes:**

13. DISPOSAL CONSIDERATIONS

Product:**Recommendation:** Dispose according to all applicable regulations.**Uncleaned packaging:** Dispose according to all applicable regulations.**Recommendation:**

14. TRANSPORT INFORMATION

DOT Regulations:
Hazard Class: None.

Land Transport ADR/RID (cross-border):
ADR-RID class: None

Maritime transport IMDG:
IMDG class:
Marine pollutant:

Air transport ICAO-TI and IATA-DGR:
ICAO/IATA class:

15. REGULATORY INFORMATION

Labeling:
Code letter and hazard designation of product:
Risk phrases: R10, R38, R41, R51/53, and R65
Safety phrases: S24/25, S26, S37, S57, S60, S61, and S62
National regulations:
Technical instructions (air):
Waterhazard class: None known.

NFPA Hazard Rating: Health 2 (Moderate); Fire 2 (Moderate); Reactivity 0 (Minimal)

16. OTHER INFORMATION

The information provided in these documents is based on our present state of knowledge of the product and is given in good faith and to the best of our experience. However, it should not be construed as a technical specification or as guaranteeing specific properties. In no event will we be responsible for damages of effects of any nature whatsoever, either express or implied, resulting from the use of this information. It is the responsibility of the consignee and the user of the product to comply with all prevailing and applicable laws, regulations and directives. They should also make their own determination as to the suitability of the product for a particular use or application.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement internationale concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
P: Marine Pollutant
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent