

1. IDENTIFICATION OF SUBSTANCE

Trade name: *CHAMPION DETERGENT*

Product Number: 5516

Application of the substance / the preparation

Drycleaning Detergent.

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, Health Hazard Category 1, Flammable liquid Category 4



GHS05

GHS08

Signal word

Danger!

Hazard statement(s)

Causes skin irritation.

Causes serious eye damage.

May be fatal if swallowed and enters airway.

Causes damage to organs through prolonged or repeated exposure: Central nervous system.

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.

Do not breathe vapors.

IF SWALLOWED: Rinse mouth, do not induce vomiting.

Keep away from flames and hot surfaces, no smoking.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Mixture of solvents, surfactants and additives.

CAS No. & Description:

64742-88-7	Aliphatic Hydrocarbons	30-40 %
107-41-5	Hexylene Glycol	1-5 %
577-11-7	Dioctyl Sodium Sulfate	1-10 %
68584-22-5	Alkyl (C10-16) Benzenesulfonic Acid	10-20 %

Exact percentages withheld due to trade secret.

4. FIRST AID MEASURES

After inhalation: Remove to fresh air, monitor breathing.

After skin contact: Wash area. If redness develops, seek medical help.

After eye contact: Flush with water for 15 minutes, seek medical help.

After swallowing: Unlikely, however if swallowed, do not induce vomiting, seek medical help.

5. FIRE FIGHTING MEASURES

Suitable extinguishing agents: dry chemicals. CO2, foam.

Special hazards caused by the substance, its products of combustion or resulting gases: may produce poison gases.

Protective equipment: wear glasses/Goggles or full face shield, protective gloves and garments. For severe fires employ protective respirator equipment.

Additional information:

6. ACCIDENTAL RELEASE MEASURES

Person-related safety precautions: wear safety glasses or goggles.

Measures for environmental protection: for spills contain collect and dispose according to all regulations.

Measures for cleaning/collecting: for small spills, dilute with water and collect using adsorbent materials.

Additional information:

7. HANDLING AND STORAGE

Handling:

Information for safe handling: Provide adequate ventilation.

Information about fire and explosion prevention:

Storage: store away from heat and possible ignition sources.

Requirements to be met by storerooms and receptacles: None.

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: None.

Additional information:

Personal protective equipment: eye and skin protection.

General protective and hygienic measures: Avoid direct contact with product and wash hands before eating or drinking.

Respiratory protection: None required under normal conditions.

Protection of hands: Wear protective gloves.

Eye protection: Safety glasses or goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information:

Form: liquid.

Color: light amber.

Odor: mild.

Change in condition:

Melting point/Melting range: Not determined.

Boiling point/Boiling range: 350-450 °F

Flash point: 144-150°F (62-65°)

Auto-ignition temperature: Not determined.

Decomposition temperature: Not determined.

Danger of explosion:

Density at 20° C (68°F): 0.94

Solubility in/ Miscibility with water: Insoluble.

pH value at 20°C (68°F): 6-8 (water/alcohol)

Viscosity: not determined.

Solvent content: 60 %

10. STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoided:

Decomposition starts at: not determined.

Dangerous reactions: keep away from strong oxidizing agents.

Dangerous decomposition products: possible oxides of carbon.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:

LD/LC50 values that are relevant for classification: Aliphatic hydrocarbon 3,700 mg/kg.

Primary irritant effect: Not determined, however, it is expected to be an irritant.

On the skin: possible irritant.

On the eye: possible irritant.

Sensitization: Not known.

Additional toxicological information:

12. ECOLOGICAL INFORMATION

Information about elimination (persistence and degradability):

Other information:

Behavior in environmental systems: Not known.

Mobility and bioaccumulation potential: Not determined.

Ecotoxicological effects: Not determined.

Acquatic toxicity: Not determined.

General notes:

13. DISPOSAL CONSIDERATIONS

Product:

Recommendation: Dispose according to all regulations.

Uncleaned packaging: Dispose according to all regulations.

Recommendation:

14. TRANSPORT INFORMATION

DOT Regulations:

Hazard Class: Combustible liquid. 3 Packing group III. Not regulated for ground shipment.

Land Transport ADR/RID (cross-border):

ADR-RID class: 3.1 Packing group III

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: R51/53, R65, R66.

Safety phrases: S37, R57, S60, S61, S62.

National regulations:

Technical instructions (air):

Waterhazard class:

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