

1. IDENTIFICATION OF SUBSTANCE

Trade name: BRITE-LIFE Drycleaning Detergent

Product Number: 6709

Application of the substance / the preparation

Detergent for perchloroethylene or petroleum solvent

Manufacturer/Supplier:

Fabritec International, Inc.
1157 Industrial Road
Cold Spring, KY 41076 USA
(859) 781-8200

Further Information:

Chemtrec Assistance (800) 262-8200 USA

2. HAZARDS IDENTIFICATION

Hazard Description:



Xn - Harmful

N - Dangerous

Information pertaining to particular dangers for man and environment:

Classification system: NFPA (0-4) Health-2, Fire-2, Reactivity-0

Prevention: Avoid spills, use personal protection equipment when in contact with product.

Response: If exposed directly to the product get medical advice.

Storage: Store away from and possible sources of ignition.

Disposal: For spills and empty containers dispose according to all applicable regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Mixture of substances with nonhazardous additives.

CAS No. & Description:

64742-88-7	Aliphatic Hydrocarbons	40-50 %
107-41-5	Hexylene Glycol	2-5 %
67892-37-9	Betaine	2-5 %
111-05-7	Oleyl isopropylamide	4-5 %
27176-87-0	Dodecylbenzene sulphonic acid	≤9 %
78-96-6	Monoisopropylamine	≤ 2 %
	Fragrance and additives	≤0,5 %

Dangerous ingredients: None known.

Identification numbers:

Additional information:

4. FIRST AID MEASURES

General information: Remove any clothing contacted with the product.

After inhalation: Remove to fresh air.

After skin contact: Wash area with soap and water.

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

After swallowing: Unlikely route of contact. However if swallowed, give lots of water and do not induce vomiting-get immediate medical attention.

5. FIRE FIGHTING MEASURES

Suitable extinguishing agents: Carbon dioxide, dry chemicals or foam spray.

Special hazards caused by the substance, its products of combustion or resulting gases: May release oxides of carbon and sulfur.

Protective equipment:

Additional information:

6. ACCIDENTAL RELEASE MEASURES

Person-related safety precautions: Wear protective clothing.

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

Measures for cleaning/collecting: Absorb material on sand, saw dust, universal binders, kitty litter. Dispose as hazardous waste.

Additional information:

7. HANDLING AND STORAGE

Handling:

Information for safe handling: Provide adequate ventilation.

Information about fire and explosion prevention: Keep away from heat and ignition sources.

Storage:

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

Information about storage in one common storage facility: No special requirements.

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 established

Additional information:

Personal protective equipment: Safety glasses and protective gloves.

General protective and hygienic measures: Avoid direct contact, wash hands before eating.

Respiratory protection: Use respiratory device in case of poor ventilation.

Protection of hands: protective gloves.

Eye protection: Safety glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information:

Form: liquid.

Color: Light Amber.

Odor: Perfumed.

Change in condition:

Melting point/Melting range: Not Determined.

Boiling point/Boiling range: > 180°C.

Flash point: 144°F. (62°C) Tag Closed Cup

Auto-ignition temperature: No data available.
Decomposition temperature: No data available.
Danger of explosion: No data available.
Density at 20° C (68°F): 0.94
Solubility in/ Miscibility with water: Not soluble.
pH value at 20°C (68°F): 6-8.
Viscosity: Not determined
Solvent content: 50 %

10. STABILITY AND REACTIVITY

Thermal decomposition / conditions to be avoided:
Decomposition starts at: No data available.
Dangerous reactions: No data available.
Dangerous decomposition products: oxides of carbon and sulfur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:
LD/LC50 values that are relevant for classification: Based on hydrocarbon content.
Primary irritant effect: Not determined.
On the skin: LD50/rat/15.4g./Kg
On the eye: No data available.
Sensitization: No data available.
Additional toxicological information:

12. ECOLOGICAL INFORMATION

Information about elimination (persistence and degradability):
Other information: The product is expected not to be readily biodegradable.
Behavior in environmental systems: No Data available.
Mobility and bioaccumulation potential: No data available.
Ecotoxicological effects: No data available.
Acquatic toxicity: No data available.
General notes: Do not allow product to enter water systems.

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: Combustible liquid
Hazard Class:
Land Transport ADR/RID (cross-border): Not regulated
ADR-RID class:
Maritime transport IMDG:
IMDG class:
Marine pollutant: None known

Air transport ICAO-TI and IATA-DGR: Not regulated
ICAO/IATA class:

15. REGULATORY INFORMATION

Labeling:
Code letter and hazard designation of product:
Risk phrases: R26/21/22
Safety phrases: S9/15/16/24/25/26/35/36/37/38
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