

MATERIAL SAFETY DATA SHEET

DIPROPYLENE GLYCOL

Date: 19 May 2011

MSDS Revision: 01

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Date created: 04/05/97

1. Identification of the substance/preparation and company

Product name : DIPROPYLENE GLYCOL
Company name : The Soap Kitchen
Company address : Unit 2e Hatchmoor Ind. Est
Hatchmoor Road
Torrington
Devon
EX38 7HP. UK
Emergency phone : +44 1805 622944
Fax : +44 870 4586724

2. Hazards identification

General : When undiluted and not properly handled, can be irritating to the skin and eyes and upon inhalation. Combustible material that can sustain a fire. This material is not classified as dangerous according to directive 1999/45/EC.
Environment : When spilled, can contaminate soil, ground and surface water.

3. Composition/information on ingredients

Chemical identification: DIPROPYLENE GLYCOL
CAS number : 25265-71-8
EINECS number : 246-770-3
EEC customs : 29094919

(L) Ingredient must be disclosed on a label ("Contains _").

(S) Ingredient must be disclosed on a label as a sensitiser ("Contains _. May cause an allergic reaction.").

4. First-aid measures

Inhalation : Remove from exposure site to fresh air, keep at rest, and obtain medical attention.
Eye exposure : Flush immediately with water for at least 15 minutes. Contact physician if symptoms persist.
Skin exposure : Remove contaminated clothes. Wash thoroughly with soap and water. Contact physician if irritation persists.
Ingestion : Rinse mouth with water and obtain medical attention.
Others : Take Risk and Safety phrases (section 15) into consideration.

5. Fire-fighting measures

Extinguishing media : Carbon dioxide, dry chemical, foam.
Do not use a direct water-jet on burning material.

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6. Accidental release measures

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- Personal precautions : Avoid inhalation and contact with skin and eyes. A self-contained breathing apparatus is recommended in case of a major spill.
- Spillage : Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Gross spillage should be contained immediately by use of sand or inert powder and disposed of according to local regulations.
- Environmental precautions : Keep away from drains, surface and ground water, and soil.

7. Handling and storage

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- Handling : Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.
- Storage : Store in a cool, dry and ventilated area away from heat sources and protected from light in tightly closed original containers. Avoid plastic and uncoated metal containers. Keep air contact to a minimum.
- Fire protection : Keep away from ignition sources and naked flame.

8. Exposure controls/personal protection

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- Respiratory protection : Avoid excessive inhalation of concentrated vapours.
- Eye protection : Wear safety glasses.
- Skin protection : Avoid skin contact. Use chemically resistant gloves as needed.

9. Physical and chemical properties

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- Appearance : COLOURLESS LIQUID
- Odour : FAINT SPECIFIC
- Flash point : 138 degC (CC)
- Oxidising property : None expected.
- Relative density : 1.0210 to 1.0250 @ 20 degC
- Refractive index : 1.4410 to 1.4415 @ 20 degC

10. Stability and reactivity

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- Reactivity : Presents no significant reactivity hazard, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.
- Decomposition : Carbon monoxide and unidentified organic compounds may be formed during combustion.

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11.Toxicological information

This material is according to EEC Directive 67/548/EEC classified as:
Safe when used as directed.

12.Ecological information

General : This material is unlikely to accumulate in the
environment and environmental problems under normal
use conditions are unexpected.

13.Disposal considerations

Dispose of according to local regulations.
Avoid disposing into drainage systems and into the environment.

14.Transport information

Class Pack group Sub risk UN no IMDG page
Road (CDGRR) : not restricted.
Air (IATA) : not restricted.
Sea (IMDG) : not restricted.

15.Regulatory information

Classification Packaging / Labelling (Directive 1999/45/EC)

16.Other information

Conc % Limits (*) :

(*) These are the maximum percent concentrations that this material can be
used in a non-hazardous product without the indicated risk being applicable
to that product.

The shelf life of this product is 24 months from date of manufacture.

The information in this leaflet is to the best of our knowledge true and
accurate but all data, instructions, recommendations and/or suggestions are
made without guarantee.