

Safety Data Sheet

Dehypon® LS 24

Revision date : 2011/06/20

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Version: 1.0

(30528538/SDU_GEN_US/EN)

1. Product and Company Identification

Use: surfactants

Company
BASF CORPORATION
100 Campus Drive
Florham Park, NJ 07932, USA

24 Hour Emergency Response Information
CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP

Synonyms: Fatty Alcohol C12-14 with approx 2 moles EO and 4 moles PO

2. Composition/information on ingredients

General chemical description:

Fatty Alcohol C12-14 with approx 2 moles EO and 4 moles PO

<u>COMPONENT:</u>	<u>CAS-No.</u>	<u>CONCENTRATION (Wt. %):</u>
Laurylmyristyl polyglycol ether with EO and PO	68439-51-0	99.5 - 100

3. Hazards identification

EMERGENCY OVERVIEW

Low hazard for usual industrial or commercial handling.

State:

liquid

Odor:

little intrinsic odour

Color(s):

light yellow

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Routes of entry:

Skin contact, Inhalation, Ingestion

Potential Health Acute Effects:

Inhalation:

May cause respiratory irritation.

Skin contact:

May cause slight irritation.

Eye contact:

May cause slight irritation.

Ingestion:

May be harmful if swallowed in large quantities.

Potential Chronic Health Effects:

None known

4. First aid measures

After inhalation:

Move to fresh air.
If adverse health effects develop seek medical attention.

After skin contact:

Wash thoroughly with soap and water.
If irritation should develop, seek medical attention.

After eye contact:

Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary.

After ingestion:

Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting.
Seek medical advice.

5. Fire fighting measures

Flash point:

> 212 °F (> 100.0 °C)
ISO 2719-88;; flashpoint

Suitable extinguishing media:

Carbon dioxide.
Foam.
Dry Chemical
Water Spray

Special protection equipment for firefighters:

Wear respiratory protection equipment according to ambient air conditions.

Hazardous combustion products:

Carbon dioxide., carbon monoxide

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6. Accidental release measures

Methods for cleaning and take-up:

Using adequate protective equipment, add dry material to absorb spill (if large spill, first dike to contain).
Pick up spilled material and containerize for recovery or disposal.
Flush area with water to remove residues.

7. Handling and storage

Handling:

Fire and explosion protection:

Avoid open flames.

Storage:

Shelf life:

24 months

Storage conditions to keep:

Keep container tightly sealed.
< + 40 °C

8. Exposure controls/personal protection

Indication for system design:

No particular measures required.

Personal protection measures:

Respiratory protection:

Not applicable with adequate ventilation.

Hand protection:

No special protection needed under normal conditions of use.

Eye protection:

Safety glasses with side shields.

9. Physical and chemical properties

General description:

State:	liquid
Odor:	little intrinsic odour
Color(s):	light yellow

Designation

Boiling point
Melting point
Density
(70 °C (158°F))
Solubility in Water

Value

> 100 °C (> 212°F)
< 20 °C (< 68°F)
0.903 - 0.907 g/cm3
Complete, Soluble in
All Proportions

Method

no information
no information
DIN 51757 Density
no information

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10. Stability and reactivity

Stability:

Decomposition advices:

No decomposition if used according to specifications.

Reactivity:

Materials to avoid:

None if used for intended purpose.

Hazardous polymerization:

Will not occur

11. Toxicological information

Acute oral toxicity:

LD50 > 2000 mg/kg body weight (analogy)

Skin irritation:

slightly irritating (analogy)

Eye irritation:

slightly irritating (analogy)

Sensitizing:

Dermal sensitization: non-sensitizing.

Method: Directive 84/449/EEC, B.6

In vitro mutagenicity:

not mutagenic (analogy)

12. Ecological information

Acute fish toxicity:

LC50 > 1 - <= 10 mg product/l. (analogy)

Acute bacterial toxicity:

EC0 > 100 mg product/l. (analogy)

Ultimate biodegradation:

Readily and rapidly degradable. All organic substances contained in the product achieve > 60% BOD/COD or CO₂ liberation, or > 70% DOC reduction in tests for ease of degradability. Threshold values for 'readily degradable' (e.g. to OECD method 301) are reached.

13. Disposal considerations

Waste disposal of product:

All recovered material should be packaged, labeled, transported, and disposed or reclaimed in conformance with applicable laws and regulations and in conformance with good engineering practices.

Avoid landfilling liquids.

Reclaim where possible.

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14. Transport information

General information:

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR, CFR and TDG.

15. Regulatory information

TSCA Inventory Status:	This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.		
SARA 311/312 Hazard Categories:	None		
TSCA 12(b) Components:	none		
SARA 313 Toxic Chemicals:	none		
SARA 302 Extremely Hazardous Substances:	US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)		
	ETHYLENE OXIDE	CAS: 75-21-8	<20PPM
	PROPYLENE OXIDE	CAS: 75-56-9	<20PPM
CERCLA Hazardous Chemicals:	US. EPA CERCLA Hazardous Substances (40 CFR 302)		
	ETHYLENE OXIDE	CAS: 75-21-8	<20PPM
	ETHANAL	CAS: 75-07-0	<5PPM
	1,4-DIETHYLENEOXIDE	CAS: 123-91-1	<20PPM
	PROPYLENE OXIDE	CAS: 75-56-9	<20PPM
California Proposition 65:	This product contains the following chemical/s known to the State of California to cause cancer and/or birth defects or other reproductive harm.		
	ETHYLENE OXIDE	CAS: 75-21-8	<20PPM
	ACETALDEHYDE (INHALATION)	CAS: 75-07-0	<5PPM
	1,4-DIOXANE	CAS: 123-91-1	<20PPM
	PROPYLENE OXIDE	CAS: 75-56-9	<20PPM

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16. Other information

NFPA Rating (US)	Value
Health	1
Fire	1
Reactivity	0
Special Hazard	

HMIS Rating (US)	Value
Health	1
Flammability	1
Reactivity	0

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