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1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade name: Multirein

Chemical characterization

This product is a mixture of synthetic soaps and auxillary components in water.

Supplier

Americol B.V.

Sluispolderweg 33

1505 HJ Zaandam - The Netherlands

Telephone No. +31 (0)75 631 32 44

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Contact Person Rene Doornink

2 COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Coconut-fattyacid-diethanolamid

Content (%Vol): 0 - 1

Symbol(s): Xi

CAS-, EINECS/EC-number: 68603-42-9, 271-657-0

Risk phrase(s): R36/38

Dodecyl benzene sulfonic acid, Na-salt

Content (%Vol): 1 - 10

Symbol(s): Xn

CAS-, EINECS/EC-number: 25155-30-0

Risk phrase(s): R22, R36

2-Bromo-2-Nitropropane-1,3-Diol

Content (%Vol): < 0.1

Symbol(s): Xn N

CAS-, EINECS/EC-number: 52-51-7

Risk phrase(s): R21/22, R37/38, R50/53, R41

3 HAZARDS IDENTIFICATION

Eyes

This product may be irritating to the eyes.

Skin

Frequent or continuous skin contact causes irritation.

Ingestion

Ingestion is expected to be relatively non-toxic.

4 FIRST AID MEASURES

Eye contact

Flushing for 15 minutes until irritation subsides.

If irritation persists, seek medical attention.

Skin contact

Rinse thoroughly with plenty of water.

Ingestion

Do not induce vomiting due to aspiration hazards. Seek medical

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advice.

5 FIRE FIGHTING MEASURES

Decomposition product(s)
Carbonoxide (COx), nitrogen oxide (NOx), water (H2O).

6 ACCIDENTAL RELEASE MEASURES

Personel protective measures
Always wash hands and face with soap and water before eating,
drinking, or smoking.

Environmental measures
Do not allow to escape into water sewage system or water courses.

Disposal/cleaning measures
Danger of slipping; take up immediately.
Collect as much as possible in clean containers and dispose
according the rules.
Flush remainder with water.

7 HANDLING AND STORAGE

Handling
Store in accordance with local/national regulations.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye protection
Eye protection is not required under conditions of normal use.

Skin and body protection
Skin protection is not required under conditions of normal
use.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Viscous liquid
Colour : Light green
Odour : Pleasant
Solubility in water : Soluble in water.
Solubility in : -

Meltingpoint (řC) : <0
Boilingpoint (řC) : >100
Flashpoint (řC) : -
Auto ignition temp (řC) : -
Vapour pressure (mmHg) : -
Density 20řC : 1.03
pH 100% : 8
Viscosity at 20řC (cP) : 200
Conductivity (ćS) : -
Evaporation rate (n-butylac.= 1) : -
Explosion limits (%Vol.) : -

10 STABILITY AND REACTIVITY

Conditions to avoid
There is no risk of dangerous reactions at normal use.

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11 TOXICOLOGICAL INFORMATION

This product is not harmful. This is based on the classification of the single components.

12 ECOLOGICAL INFORMATION

Primary degradation > 90%. Complies with the EEC directive 73/404/EEC on biodegradation for surfactants.

13 DISPOSAL CONSIDERATIONS

All disposals must comply with federal, state, and local regulations.

14 TRANSPORT INFORMATION

Description goods
This product is a mixture of synthetic soaps and auxillary components in water.

Transport (Land) ADR/RID: -
Transport (Ship -> Channals) ADN/ADNR : -

Transport (Ship -> Sea) IMDG/GGVE : -
Transport (Ship -> Sea) UN No. : -
Transport (Ship -> Sea) Packing group : -
Transport (Ship -> Sea) EMS No. : -
Transport (Ship -> Sea) MFAG No. : -
Transport (Ship -> Sea) Marine pollutant: No

Transport (Air) IATA-DRG/ICAO-TI : -
Transport (Air) Packing group : -

15 REGULATORY INFORMATION

Symbols: Risk and Safety phrases
S02 : Keep out of the reach of children.

Local regulations
Waterhazardous class 1 (Slightly environmental hazardous).

16 OTHER INFORMATION

Version : 01
This MSDS sheet is created on date : 15-04-1996
Last revision on date : 13-05-2003
This MSDS sheet was printed on date : 07-02-2005

This product should be stored, handeld and used in accordance with good industrial hygiene practices and in conformity with any legal regulation. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties. It is in the users responsibility to satisfy himself as to the suitability and completeness of such information

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for is own particular use.