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1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade name: Antol 24

Chemical characterization

This degreaser is a mixture of hydrocarbons and biodegradable emulsifiers.

Supplier

Americol B.V.

Sluispolderweg 33

1505 HJ Zaandam - The Netherlands

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

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2 COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Moderate aromatic hydrocarbon (approx. 20% C9-aromats / flashpoint approx. 65°C).

Content (%Vol): > 75

Symbol(s): Xn

CAS-, EINECS/EC-number: 8008-20-6, 232-366-4

Risk phrase(s): R65

Fatty alkylamine ethoxylate

Content (%Vol): 1 - 10

Symbol(s): Xn

CAS-, EINECS/EC-number: -

Risk phrase(s): R22, R38, R41

3 HAZARDS IDENTIFICATION

Eyes

This product may be irritating to the eyes.

Skin

Frequent or continuous skin contact causes irritation.

Inhalation

Narcotic at high concentrations.

Ingestion

Harmful if swallowed.

Risk phrase(s)

R65 : Harmful: may cause lung damage if swallowd.

4 FIRST AID MEASURES

Eye contact

Flushing for 15 minutes until irritation subsides.

If irritation persists, seek medical attention.

Skin contact

Wash contaminated area thoroughly with soap and water. Remove impregnated clothing.

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Inhalation

If victim is unconscious, remove to fresh air and seek medical attention.

Ingestion

Do not induce vomiting due to aspiration hazards. Seek medical advice.

5 FIRE FIGHTING MEASURES

Suitable extinguishing media
Carbon dioxide.
Fire-extinguishing powder.
Foam
Halonnes
Sand

Never use as an extinguishing media
Water

Decomposition product(s)
Carbonoxide (COx), water (H2O).

Protective measures firefighters
Fire will produce dense black smoke. Use self-contained breathing apparatus.

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.

7 HANDLING AND STORAGE

Handling
Store in accordance with local/national regulations.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye protection
Wear safety goggles.

Skin and body protection
Avoid contact with skin, eyes and clothing.

Hand protection
Wear suitable gloves (PVC or rubber).

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Respiratory protection
Provide adequate ventilation.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Liquid
Colour : Red
Odour : Characteristic
Solubility in water : Emulsable with water.
Solubility in : Soluble in hydrocarbons.

Meltingpoint (°C) : <20
Boilingpoint (°C) : >150
Flashpoint (°C) : >61
Auto ignition temp (°C) : >250
Vapour pressure (mmHg) : <2
Density 20°C : 0.80
pH 100% : -
Viscosity at 20°C (cP) : -
Conductivity (µS) : -
Evaporation rate (n-butylac.= 1): <1
Explosion limits (%Vol.) : 1 - 5

10 STABILITY AND REACTIVITY

Conditions to avoid
Avoid generation of mists and vapours.
There is no risk of dangerous reactions at normal use.

11 TOXICOLOGICAL INFORMATION

"Stoddard solvent" values: TLV-8h (ACGIH): 100 ppm
MAC-TCG 8h: 575 mg/m3

12 ECOLOGICAL INFORMATION

After a longer adaption period, the product is biodegradable.

13 DISPOSAL CONSIDERATIONS

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

14 TRANSPORT INFORMATION

Description goods
This degreaser is a mixture of hydrocarbons and biodegradable emulsifiers.

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. : -

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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: Xn

Risk and Safety phrases

R65 : Harmful: may cause lung damage if swallowd.
S02 : Keep out of the reach of children.
S23A : Do not breathe vapours/spray.
S24 : Avoid contact with skin.
S62 : If swallowed, do not induce vomiting: seek
medical advice immediatly and show this container or label.

Local regulations

Waterhazardous class 1 (Slightly environmental hazardous).

16 OTHER INFORMATION

Version : 03
This MSDS sheet is created on date : 13-12-1994
Last revision on date : 09-05-2003
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 for is own particular use.