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1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade name: Hotwax

Chemical characterization

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

Supplier

Americol B.V.

Sluispolderweg 33

1505 HJ Zaandam - The Netherlands

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

Telefax No. +31 (0)75 631 32 65

Emergency telephone No.+31 (0)75 631 32 44

Contact Person Rene Doornink

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2 COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Nonoxynol

Content (%Vol): 1 - 10

Symbol(s): Xi N

CAS-, EINECS/EC-number: 68412-54-4

Risk phrase(s): R36/38, R51/53

Low aromatic hydrocarbon (flaspoint approx. 75°C).

Content (%Vol): 1 - 10

Symbol(s): Xn

CAS-, EINECS/EC-number: 64742-47-8

Risk phrase(s): R65

Imidazoline

Content (%Vol): 1 - 10

Symbol(s): C N

CAS-, EINECS/EC-number: 68937-01-9

Risk phrase(s): R22, R34, R50/53

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3 HAZARDS IDENTIFICATION

Eyes

This product may be irritating to the eyes.

Skin

Frequent or continuous skin contact causes irritation.

Ingestion

The product is of a low order of acute toxicity but is harmful if swallowed.

Risk phrase(s)

R51/53 : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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4 FIRST AID MEASURES

Eye contact

Flushing for 15 minutes until irritation subsides.

If irritation persists, seek medical attention.

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Skin contact  
Rinse thoroughly with plenty of water.

Ingestion  
Do not induce vomiting due to aspiration hazards. Seek medical advice.  
Rinse mouth, give water to drink.

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5 FIRE FIGHTING MEASURES

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

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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.

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7 HANDLING AND STORAGE

Handling  
Store in accordance with local/national regulations.

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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.

Hand protection  
Wear suitable gloves (PVC or rubber).

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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Liquid  
Colour : Light brown  
Odour : Characteristic  
Solubility in water : Soluble in water.  
Solubility in ..... : -

Meltingpoint (°C) : <0  
Boilingpoint (°C) : >100  
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Flashpoint (řC) : -  
Auto ignition temp (řC) : -  
Vapour pressure (mmHg) : -  
Density 20řC : 1.00  
pH 100% : 6  
Viscosity at 20řC (cP) : 10  
Conductivity (ćS) : -  
Evaporation rate (n-butylac.= 1): -  
Explosion limits (%Vol.) : -  
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#### 10 STABILITY AND REACTIVITY

Conditions to avoid  
There is no risk of dangerous reactions at normal use.  
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#### 11 TOXICOLOGICAL INFORMATION

The diluted product is not harmful. This is based on the properties of the components.  
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#### 12 ECOLOGICAL INFORMATION

After a longer adaption period, the product is biodegradable.  
Toxic to aquatic organisms.  
May cause long-term adverse effects in the aquatic environment.  
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#### 13 DISPOSAL CONSIDERATIONS

All disposals must comply with federal, state, and local regulations.  
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#### 14 TRANSPORT INFORMATION

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

Description ADR goods  
ADR3082B

Transport (Land) ADR/RID: 9,M6  
Transport (Ship -> Channals) ADN/ADNR : -  
  
Transport (Ship -> Sea) IMDG/GGVE : 9  
Transport (Ship -> Sea) UN No. : 3082  
Transport (Ship -> Sea) Packing group : III  
Transport (Ship -> Sea) EMS No. : -  
Transport (Ship -> Sea) MFAG No. : -  
Transport (Ship -> Sea) Marine pollutant: No  
  
Transport (Air) IATA-DRG/ICAO-TI : 9  
Transport (Air) Packing group : III  
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#### 15 REGULATORY INFORMATION

Symbols: N  
Risk and Safety phrases  
R51/53 : Toxic to aquatic organisms, may cause long-term  
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adverse effects in the aquatic environment.

S02 : Keep out of the reach of children.  
S24/25 : Avoid contact with skin and eyes.  
S28 : After contact with skin, wash immediately  
with plenty of soap and water.

Local regulations

Waterhazardous class 1 (Slightly environmental hazardous).  
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#### 16 OTHER INFORMATION

Version : 02  
This MSDS sheet is created on date : 15-04-1996  
Last revision on date : 05-11-2003  
This MSDS sheet was printed on date : 07-02-2005

This product should be stored, handled 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 his own particular use.