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1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade name: Antol DW

Chemical characterization

This product is a mixture of high aromatic hydrocarbons.

Supplier

Americol B.V.

Sluispolderweg 33

1505 HJ Zaandam - The Netherlands

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

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

Contact Person Rene Doornink

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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

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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.

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4 FIRST AID MEASURES

Eye contact

Flushing for 15 minutes until irritation subsides.

If irritation persists, seek medical attention.

Skin contact

Wash skin thoroughly with soap and water or use recognised skin cleanser.

Inhalation

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

Ingestion

Do not induce vomiting due to aspiration hazards. Seek medical

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advice.

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5 FIRE FIGHTING MEASURES

Suitable extinguishing media  
Carbon dioxide.  
Fire-extinguishing powder.  
Foam  
Halones  
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.

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6 ACCIDENTAL RELEASE MEASURES

Personel protective measures  
Consumption of food and beverage should be avoided in work  
areas where hydrocarbons are present.  
Always wash hands and face with soap and water before eating,  
drinking, or smoking.

Environmental measures  
This product should not be allowed to enter drainsand water  
courses.  
Prevent spreading by means of an oil barrier.

Disposal/cleaning measures  
Danger of slipping; take up immediately.  
Collect as much as possible in clean containers and dispose  
according the rules.  
Use absorbant, sweep up and put it into a container and dispose  
according the rules.

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7 HANDLING AND STORAGE

Handling  
Store in accordance with local/national regulations.  
Store in a dry well ventilated place away from sources of heat  
and direct sunlight.

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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye protection  
Wear eye protection if material is handled such that it could  
be sprayed or splashed into the eyes.

Skin and body protection  
Use impervious clothing (boots, gloves, aprons, etc.) over  
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parts of the body subject to exposure.  
Do not carry any cleaning rags drenched with products in any  
part of your clothing.  
Avoid contact with skin, eyes and clothing.

Hand protection  
Wear suitable gloves (PVC or rubber).

Respiratory protection  
Provide adequate ventilation.

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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Liquid  
Colour : Colourless  
Odour : Characteristic  
Solubility in water : Not soluble in water.  
Solubility in ..... : Soluble in hydrocarbons.

Meltingpoint (řC) : <-20  
Boilingpoint (řC) : >150  
Flashpoint (řC) : >61  
Auto ignition temp (řC) : >250  
Vapour pressure (mmHg) : <2  
Density 20řC : 0.79  
pH 100% : -  
Viscosity at 20řC (cP) : -  
Conductivity (ćS) : -  
Evaporation rate (n-butylac.= 1): -  
Explosion limits (%Vol.) : 1 - 5

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10 STABILITY AND REACTIVITY

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

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11 TOXICOLOGICAL INFORMATION

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

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12 ECOLOGICAL INFORMATION

After a longer adaption period, the product is biodegradable.  
The product has a low solubility in water. It can be largely  
eliminated from the water by mechanical separation.

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13 DISPOSAL CONSIDERATIONS

All disposals must comply with federal, state, and local regulations.  
Dispose according the local and national regulations.

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14 TRANSPORT INFORMATION

Description goods  
This product is a mixture of aromatic and nonaromatic hydrocarbons.  
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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 : -  
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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).  
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16 OTHER INFORMATION

Version : 04  
This MSDS sheet is created on date : 01-03-1995  
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.