

SAFETY DATA SHEET

Solar

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME Solar
 APPLICATION Paint
 SUPPLIER Aztec Chemicals
 Gateway
 Crewe
 Cheshire
 CW1 6YY
 + 44 (0) 1270 655500 (T)
 After hrs 0831300868
 + 44 (0) 1270 655501 (F)

2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
NAPHTHA (PETROLEUM) HYDRODESULPHURIZED HEAVY	265-185-4	64742-82-1	30-60%	Xn;R65. N;R51/53. R10.

The Full Text for all R-Phrases are Displayed in Section 16

3 HAZARDS IDENTIFICATION

Flammable. Harmful: may cause lung damage if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION Xn;R65. N;R51/53. R10.

4 FIRST-AID MEASURES

GENERAL INFORMATION

Get medical attention if any discomfort continues. Do not give victim anything to drink if they are unconscious.

INHALATION

Move into fresh air and keep at rest. Perform artificial respiration if breathing has stopped. DO NOT INDUCE VOMITING! Place unconscious person on the side in the recovery position and ensure breathing

INGESTION

DO NOT INDUCE VOMITING! Drink plenty of water. Do not give victim anything to drink if they are unconscious. When risk of unconsciousness, place and transport the victim in secured side position.

SKIN CONTACT

Remove contaminated clothes and rinse skin thoroughly with water. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use: Alcohol resistant foam. Carbon dioxide (CO2). Dry chemicals. Water spray, fog or mist. Do not use water as an extinguisher.

UNUSUAL FIRE & EXPLOSION HAZARDS

Fire causes formation of toxic gases. Vapour may travel considerable distance to source of ignition and flash back.

SPECIFIC HAZARDS

By heating and fire, harmful vapours/gases may be formed.

PROTECTIVE MEASURES IN FIRE

Use air-supplied respirator during fire fighting. Wear full protective clothing.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet. Turn leaking containers leak-side up to prevent the escape of liquid.

ENVIRONMENTAL PRECAUTIONS

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

Solar

SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Wash contaminated area with water.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Read and follow manufacturer's recommendations. Avoid contact with skin and eyes. Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Avoid inhalation of vapours.

STORAGE PRECAUTIONS

Store in tightly closed original container. Store in a cool and well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



PROCESS CONDITIONS

Provide eyewash station.

ENGINEERING MEASURES

Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of vapours.

RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact. Barrier cream applied before work may make it easier to clean the skin after exposure, but does not prevent absorption through the skin.

EYE PROTECTION

Wear splash-proof eye goggles to prevent any possibility of eye contact.

HYGIENE MEASURES

Wash promptly if skin becomes contaminated. Wash at the end of each work shift and before eating, smoking and using the toilet.

PERSONAL PROTECTION

When using do not smoke

SKIN PROTECTION

Wear apron or protective clothing in case of contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Black		
ODOUR	Characteristic		
SOLUBILITY	Insoluble in water		
RELATIVE DENSITY	0.95 20	FLASH POINT (°C)	38 CC (Closed cup).

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

HAZARDOUS DECOMPOSITION PRODUCTS

By fire, toxic gases (CO, CO₂, NO_x) may be formed.

11 TOXICOLOGICAL INFORMATION

Solar

INHALATION

Vapours may irritate the respiratory system and cause coughing, asthmatic breathing and breathlessness.

INGESTION

May cause stomach pain or vomiting. Ingestion of large amounts may cause unconsciousness. Pneumonia may be the result if vomited material containing solvents reaches the lungs.

SKIN CONTACT

Prolonged and frequent contact may cause redness and irritation.

EYE CONTACT

Irritating and may cause redness and pain.

ROUTE OF ENTRY

Inhalation. Skin absorption. Ingestion. Skin and/or eye contact.

TARGET ORGANS

Respiratory system, lungs. Eyes. Skin.

MEDICAL SYMPTOMS

Irritation of eyes and mucous membranes. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting. Ingestion may cause: Nausea, vomiting.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

MOBILITY

Readily absorbed into soil.

BIOACCUMULATION

No data available on bioaccumulation.

DEGRADABILITY

The product is biodegradable.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

GENERAL

Packs of 5L and under are not regulated under the Limited Quantities Provisions.



UK ROAD CLASS	3		
PROPER SHIPPING NAME	PAINT		
UN NO. ROAD	1263	UK ROAD PACK GR.	III
ADR CLASS NO.	3	ADR CLASS	Class 3: Flammable liquids.
ADR PACK GROUP	III	ADR LABEL NO.	3
RID CLASS NO.	3	RID PACK GROUP	III
UN NO. SEA	0	IMDG CLASS	3
IMDG PAGE NO.	3	IMDG PACK GR.	III
MARINE POLLUTANT	No.	UN NO. AIR	0
AIR CLASS	3	AIR PACK GR.	III

15 REGULATORY INFORMATION

LABELLING

Solar

Harmful



Dangerous for the environment

CONTAINS

NAPHTHA (PETROLEUM) HYDRODESULPHURIZED HEAVY

RISK PHRASES

R10	Flammable.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.

SAFETY PHRASES

S2	Keep out of the reach of children
S13	Keep away from food, drink and animal feeding stuffs.
S16	Keep away from sources of ignition - No smoking.
S29/56	Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point.
S46	If swallowed, seek medical advice immediately and show this container or label.
S51	Use only in well-ventilated areas.
S57	Use appropriate containment to avoid environmental contamination.

UK REGULATORY REFERENCES

The Control of Substances Hazardous to Health Regulations 1988. Chemicals (Hazard Information & Packaging) Regulations.

EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

NATIONAL REGULATIONS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.

16 OTHER INFORMATION

SDS NO. 10995

SAFETY DATA SHEET STATUS

Approved.

DATE 30.11.2004

RISK PHRASES IN FULL

R10	Flammable.
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R65	Harmful: may cause lung damage if swallowed.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.