



Safety Data Sheet according to (EC) No 1907/2006 - ISO 11014-1

Page 1 of 7

Nitromors All Purpose Paint & Varnish Remover

SDS no. : 186856

V001.2

Revision: 30.01.2008

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1. Identification of the substance/preparation and of the company/undertaking

Trade name:

Nitromors All Purpose Paint & Varnish Remover

Intended use:

Stripper

Company name:

Henkel Limited
Technologies House
Wood Lane End
HP2 4RQ Hemel Hempstead

Great Britain

Phone: +44 (0)1442 278000

Fax-no.: +44 (0)1442 278071

E-mail address of person responsible for Safety Data Sheet:

ua-productsafety.uk@uk.henkel.com

Emergency information:

24 Hours Emergency Tel: +44(0)8701906777

2. Hazards identification

The product is classified as hazardous within the meaning of the valid (EU) preparation guideline.

Xn - Harmful

R18 In use, may form flammable/explosive vapour-air mixture.

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R68/20/21/22 Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.

R40 Limited evidence of a carcinogenic effect.

Pregnant women should absolutely avoid breathe in and skin contact.

The solvent vapors are heavier than air and may collect in high concentrations at floor level.

3. Composition / information on ingredients

General chemical description:

Composition

Base substances of preparation:

Organic solvent

Declaration of ingredients according to EC/1907/2006:

Hazardous components CAS-No.	EINECS ELINCS	content	Classification
Dichloromethane 75-09-2	200-838-9	< 90 %	carcinogenic, category 3; Xn - Harmful; R40
Methanol 67-56-1	200-659-6	< 10 %	F - Highly flammable; R11 T - Toxic; R23/24/25, R39/23/24/25
Naphtha (Petroleum), hydrodesulfurized heavy, <0,1% Benzene 64742-82-1	265-185-4	< 2 %	R10 N - Dangerous for the environment; R51/53 Xn - Harmful; R65 R66, R67

For full text of the R-Phrases indicated by codes see section 16 'Other Information'.

Substances without classification may have community workplace exposure limits available.

4. First aid measures

General information:

In case of adverse health effects seek medical advice.

Inhalation:

Move to fresh air.

Skin contact:

Wipe off affected skin area immediately with a soft cloth and then wash with running water and mild soap; apply skin care product.

Eye contact:

Wash with plenty of water immediately and continue for several minutes, holding eyelid open. Consult a doctor.

Ingestion:

Rinse the mouth. Drink 1-2 glasses of water.
Seek medical advice.

5. Fire fighting measures

Suitable extinguishing media:

water spray jet
Alcohol-resistant foam
extinguishing powder
Carbon dioxide.

Extinguishing media which must not be used for safety reasons:

High pressure waterjet

Special protection equipment for firefighters:

Wear self-contained breathing apparatus.
Wear protective equipment.

Additional information:

In case of fire, keep containers cool with water spray.

6. Accidental release measures

Personal precautions:

Ensure adequate ventilation.
Keep away from sources of ignition.
Avoid contact with skin and eyes.
Keep unprotected persons away.

Environmental precautions:

Do not empty into drains / surface water / ground water.

Clean-up methods:

Remove with liquid-absorbing material (sand, peat, sawdust).
Dispose of contaminated material as waste according to item 13.

7. Handling and storage

Handling:

Ensure good ventilation/suction at the workplace.
Avoid skin and eye contact.
Ventilate working rooms thoroughly. Avoid naked flames, sparking and sources of ignition. Switch off electrical devices. Do not smoke, do not weld. Do not empty waste into waste water drains.
Take measures to prevent the build-up of electrostatic charges.

Storage:

Store only in the original container.
Temperatures between + 5 °C and + 40 °C
Store in a cool, dry place.
Keep container tightly sealed.
Protect from direct sunlight.
Do not store together with food or other consumables (coffee, tea, tobacco, etc.).

8. Exposure controls / personal protection

Components with specific control parameters for workplace:

Valid for
Great Britain
Basis
Occupational Exposure Limits

Ingredient	ppm	mg/m ³	Type	Category	Remarks
DICHLOROMETHANE 75-09-2	100	350	Time Weighted Average (TWA).		EH40 WEL
DICHLOROMETHANE 75-09-2	300	1.060	Short Term Exposure Limit (STEL):		EH40 WEL
DICHLOROMETHANE 75-09-2			Skin designation.	Can be absorbed through the skin.	EH40 WEL
DICHLOROMETHANE 75-09-2				Listed.	EH40 WEL
METHANOL 67-56-1	200	260	Time Weighted Average (TWA).		EU-2000/39/EC
METHANOL 67-56-1	200	266	Time Weighted Average (TWA).		EH40 WEL
METHANOL 67-56-1	250	333	Short Term Exposure Limit (STEL):		EH40 WEL
METHANOL 67-56-1			Skin designation.	Can be absorbed through the skin.	EH40 WEL
METHANOL 67-56-1				Listed.	EH40 WEL
METHANOL 67-56-1			Skin designation.	Can be absorbed through the skin.	EU-2000/39/EC

Engineering controls:

No further information, see section 7.

Respiratory protection:

The product should only be used at workplaces with intensive ventilation/extraction. If intensive ventilation/extraction is not possible then self-contained independent respiratory protection should be worn

Hand protection:

Use protective gloves. For short term contact (e.g. as protection against splashes) protective gloves made from polyvinyl chloride are recommended according to EN 374. For longer term contact, Silver Shield protective gloves from North Safety Products (break through time >8 hours) are recommended according to EN 374.

In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, product compatibility, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. The information provided by the manufacturers and given in the relevant trade association regulations for industrial safety must always be observed. We recommend that a hand care plan is drawn up in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.

Eye protection:

Goggles which can be tightly sealed.

Skin protection:

suitable protective clothing

General protection and hygiene measures:

Wash hands before work breaks and after finishing work.

Do not eat, drink or smoke while working.

Wash off any dirt that gets onto the skin with lots of soap and water, skin care.

9. Physical and chemical properties

General characteristics:

Appearance	liquid low viscosity clear, up to, milky white
Odor:	sweet

Phys./chem. properties:

Density (20 °C (68 °F))	1,20 - 1,25 g/cm ³
Viscosity (dynamic) (; 20 °C (68 °F))	200 - 300 mPas
Explosion limit lower [vol%]	6 % (V)
upper [vol%]	50 % (V)

10. Stability and reactivity

Conditions to avoid:

Keep away from sources of ignition and naked flames.

Avoid heating.

Materials to avoid:

Reaction with oxidants.

Hazardous decomposition products:

In the event of a fire, hydrochloric acid gas is released.

11. Toxicological information

General toxicological information:

In the event of protracted or repeated exposure, damage to health cannot be excluded.

Vapors may cause drowsiness and dizziness.

Oral toxicity:

Harmful if swallowed.

Inhalative toxicity:

Harmful by inhalation.

Dermal toxicity:

Harmful in contact with skin.

12. Ecological information**Persistence and degradability:****Ultimate biodegradation:**

The biodegradability of the surfactants contained in the product is in accordance with the requirements of the EU Detergent Regulation (EC/648/2004)

The total of the organic components contained in the product achieve > 60% BOD/COD or CO₂ liberation, or > 70% DOC reduction in tests for ease of degradability - threshold values for 'readily degradable' (e.g. to OECD method 301).

General ecological information:

Do not empty into drains, soil or bodies of water.

13. Disposal considerations**Product disposal:**

Waste incineration or treatment plant with the approval of the responsible local authority.

The valid EEC waste code numbers are not product-related but are largely source-related. The manufacturer is therefore unable to specify EEC waste codes for the articles or products used in the various sectors. These can be requested from the manufacturer.

Disposal of uncleaned packages:

Use packages for recycling only when totally empty.

14. Transport information**Road transport ADR:**

Class:	6.1
Packaging group:	III
Classification code:	T1
Hazard ident. number:	60
UN no.:	2810
Label:	6.1
Technical name:	TOXIC LIQUID, ORGANIC, N.O.S. (Dichloromethane,Methanol)

Railroad transport RID:

Class:	6.1
Packaging group:	III
Classification code:	T1
Hazard ident. number:	60
UN no.:	2810
Label:	6.1
Technical name:	TOXIC LIQUID, ORGANIC, N.O.S. (Dichloromethane,Methanol)

Inland water transport ADN:

Class:	6.1
Packaging group:	III
Classification code:	T1
Hazard ident. number:	
UN no.:	2810
Label:	6.1
Technical name:	TOXIC LIQUID, ORGANIC, N.O.S.

Marine transport IMDG:

Class:	6.1
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Packaging group:	III
UN no.:	2810
Label:	6.1
EmS:	F-A ,S-A
Seawater pollutant:	-
Proper shipping name:	TOXIC LIQUID, ORGANIC, N.O.S. (Dichloromethane,Methanol)

Air transport IATA:

Class:	6.1
Packaging group:	III
Packaging instructions (passenger)	611
Packaging instructions (cargo)	618
UN no.:	2810
Label:	6.1
Proper shipping name:	Toxic liquid, organic n.o.s. (Dichloromethane,Methanol)

15. Regulations - classification and identification**Indication of danger:**

Xn - Harmful

**Contains**Dichloromethane,
Methanol**Risk phrases:**

R18 In use, may form flammable/explosive vapour-air mixture.
R20/21/22 Also harmful by inhalation, in contact with skin and if swallowed.
R68/20/21/22 Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.
R40 Limited evidence of a carcinogenic effect.

Safety phrases:

S2 Keep out of the reach of children.
S3/9/49 Keep only in the original container in a cool, well-ventilated place.
S21 When using do not smoke.
S23 Do not breathe vapour.
S24/25 Avoid contact with skin and eyes.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.
S46 If swallowed, seek medical advice immediately and show this container or label.
S51 Use only in well-ventilated areas.

List of ingredients according to Detergents regulation.

Dichloromethane
Methanol
Naphtha (petroleum), hydrodesulfurized heavy
Water
Hydroxypropyl methylcellulose
Paraffin waxes and Hydrocarbon waxes
.beta.-Alanine, N-(2-carboxyethyl)-, N-coco alkyl derivs., disodium salts

16. Other information

The labelling of the product is indicated in Section 15. The full text of the R-phrases indicated by codes in this safety data sheet are as follows:

R10 Flammable.

R11 Highly flammable.

R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.

R39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

R40 Limited evidence of a carcinogenic effect.

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

R65 Harmful: may cause lung damage if swallowed.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.

Further information:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.