



Safety Data Sheet according to (EC) No 1907/2006

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Nitromors All Purpose Paint & Varnish Remover - Dichloromethane Free

sds no. : 378770
V001.1

Revision: 16.11.2010
printing date: 22.02.2011

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

Product identifier:

Nitromors All Purpose Paint & Varnish Remover - Dichloromethane Free

Relevant identified uses of the substance or mixture and uses advised against:

Intended use:
Stripper

Details of the supplier of the safety data sheet:

Henkel Limited
Apollo Court, 2 Bishop Square Business Park
Hatfield, Hertfordshire AL10 9EY

Great Britain

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ua-productsafety.uk@uk.henkel.com

Emergency telephone number:

24 Hours Emergency Tel: +44 0 8701 906777 - For further general health & safety, technical and practical advice on this product, please call +44 (0) 1606 593933 or write to: Technical Services; Henkel Limited; Road 5; Winsford Industrial Estate; Winsford; Cheshire; CW7 3QY- Email: technical.services@henkel.co.uk

2. Hazards identification

Classification of the substance or mixture:

Classification (DPD):

F - Highly flammable
R11 Highly flammable.
Xn - Harmful
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.

Label elements (DPD):

F - Highly flammable

Xn - Harmful



Risk phrases:

R11 Highly flammable.

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.

Safety phrases:

S2 Keep out of the reach of children.

S9 Keep container in a well-ventilated place.

S16 Keep away from sources of ignition - No smoking.

S33 Take precautionary measures against static discharges.

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.

S52 Not recommended for interior use on large surface areas.

S56 Dispose of this material and its container to hazardous or special waste collection point.

Contains:

Methanol

Other hazards:

The solvent vapors are heavier than air and may collect in high concentrations at floor level. In use, may form explosive or highly flammable vapor-air mixtures.

Pregnant women should absolutely avoid breathe in and skin contact.

3. Composition/information on ingredients

General chemical description:

Composition

Base substances of preparation:

Organic solvent

Declaration of the ingredients according to CLP (EC) No 1272/2008:

Hazardous components CAS-No.	EINECS REACH-Reg No.	content	Classification
1,3-Dioxolane 646-06-0	211-463-5	< 60 %	Flammable liquids 2 H225
Naphtha (petroleum), hydrotreated heavy, <0.1% Benzene 64742-48-9	265-150-3	< 10 %	Flammable liquids 3 H226 Aspiration hazard 1 H304 EUH066
Methanol 67-56-1	200-659-6	< 10 %	Acute toxicity 3; Oral H301 Flammable liquids 2 H225 Specific target organ toxicity - single exposure 1 H370 Acute toxicity 3; Inhalation H331 Acute toxicity 3; Dermal H311
Solvent naphtha (petroleum), light arom., <0.1% Benzene 64742-95-6	265-199-0	< 1 %	Germ cell mutagenicity 1B H340 Carcinogenicity 1B H350 Aspiration hazard 1 H304

**Only dangerous ingredients for which a CLP classification is already available are displayed in this table.
For full text of the H - statements and other abbreviations see section 16 "Other information".
Substances without classification may have community workplace exposure limits available.**

Declaration of ingredients according to DPD (EC) No 1999/45:

Hazardous components CAS-No.	EINECS REACH-Reg No.	content	Classification
1,3-Dioxolane 646-06-0	211-463-5	< 60 %	F - Highly flammable; R11
Naphtha (petroleum), hydrotreated heavy, <0.1% Benzene 64742-48-9	265-150-3	< 10 %	R10 Xn - Harmful; R65, R66
Methanol 67-56-1	200-659-6	< 10 %	T - Toxic; R23/24/25, R39/23/24/25 F - Highly flammable; R11
Solvent naphtha (petroleum), light arom., <0.1% Benzene 64742-95-6	265-199-0	< 1 %	N - Dangerous for the environment; R51/53 Xn - Harmful; R65 Xi - Irritant; R37 R10, R66, R67
Docosate sodium 577-11-7	209-406-4	< 1,5 %	Xi - Irritant; R38, R41

**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

Description of first aid measures:

General information:

In case of adverse health effects seek medical advice.

Inhalation:

Move to fresh air, consult doctor if complaint persists.

Skin contact:

Rinse with running water and soap. Skin care. Remove contaminated clothes immediately.

Eye contact:

Rinse immediately with plenty of running water, seek medical advice if necessary.

Ingestion:

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

Most important symptoms and effects, both acute and delayed:

INGESTION: Nausea, vomiting, diarrhoea, abdominal pain.

RESPIRATORY: Irritation, coughing, shortness of breath, chest tightness.

SKIN: Redness, inflammation.

Indication of any immediate medical attention and special treatment needed:

See section: Description of first aid measures

5. Firefighting measures

Extinguishing media:

Suitable extinguishing media:

carbon dioxide, foam, powder, water spray jet, fine water spray

Extinguishing media which must not be used for safety reasons:

High pressure waterjet

Special hazards arising from the substance or mixture:

In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO₂) can be released.

Advice for firefighters:

Wear self-contained breathing apparatus.

Wear protective equipment.

Additional information:

Cool endangered containers with water spray jet.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation.

Keep unprotected persons away.

Wear protective equipment.

Danger of slipping on spilled product.

Environmental precautions:

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

Methods and material for containment and cleaning up:

Remove with liquid-absorbing material (sand, peat, sawdust).

Dispose of contaminated material as waste according to Chapter 13.

Reference to other sections:

See advice in chapter 8

7. Handling and storage

Precautions for safe handling:

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.

Also to be noted when processing larger amounts (> 1 kg): during processing and drying after adhesion, ventilate well. Avoid all sources of fire such as stoves and ovens. Switch off all electrical devices such as parabolic heaters, hot plates, storage heaters etc. in good time for them to have cooled down before commencing work. Avoid all sparks, including those occurring at electrical switches and devices.

Take measures to prevent the build-up of electrostatic charges.

Avoid open flames and sources of ignition.

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.

Conditions for safe storage, including any incompatibilities:

- Store in a cool, dry place.
- Store in sealed original container.
- Store in a cool, well-ventilated place.
- Do not store together with food or other consumables (coffee, tea, tobacco, etc.).

Specific end use(s):

Stripper

8. Exposure controls/personal protection**Control parameters:**

Valid for
Great Britain
Basis
UK EH40 WELs

Ingredient	ppm	mg/m3	Type	Category	Remarks
DIMETHOXYMETHANE 109-87-5	1.250	3.950	Short Term Exposure Limit (STEL):		EH40 WEL
DIMETHOXYMETHANE 109-87-5	1.000	3.160	Time Weighted Average (TWA):		EH40 WEL
METHANOL 67-56-1	250	333	Skin designation:	Can be absorbed through the skin.	ECLTV
METHANOL 67-56-1			Short Term Exposure Limit (STEL):		EH40 WEL
METHANOL 67-56-1	200	266	Skin designation:	Can be absorbed through the skin.	EH40 WEL
METHANOL 67-56-1			Time Weighted Average (TWA):		EH40 WEL
METHANOL 67-56-1	200	260	Time Weighted Average (TWA):	Indicative	ECLTV
PARAFFIN WAX, FUME 8002-74-2		2	Time Weighted Average (TWA):		EH40 WEL
PARAFFIN WAX, FUME 8002-74-2		6	Short Term Exposure Limit (STEL):		EH40 WEL

Exposure controls:**Respiratory protection:**

- When processing large amounts.
- Suitable breathing mask when there is inadequate ventilation.

Hand protection:

Recommended are gloves made from Nitril rubber (Material thickness >0,1 mm).Gloves should be replaced after each short time contact or contamination. Available at Laboratory specialized trade an pharmacy/chemist shop`s.

Eye protection:

Goggles which can be tightly sealed.

Skin protection:

Suitable protective clothing

9. Physical and chemical properties

Information on basic physical and chemical properties:

Appearance	Gel Gel, Smooth Cloudy, Green
Odor	characteristic
pH	No data available.
Initial boiling point	42 °C (107.6 °F)
Flash point	-18 °C (0.4 °F)
Decomposition temperature	No data available.
Vapour pressure	No data available.
Density (20 °C (68 °F))	0,90 - 0,97 g/cm ³
Bulk density	No data available.
Viscosity (; 20 °C (68 °F))	4.500 - 7.000 mPa.s
Viscosity (kinematic)	No data available.
Explosive properties	No data available.
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Partially miscible
Solidification temperature	No data available.
Melting point	No data available.
Flammability	No data available.
Auto-ignition temperature	No data available.
Explosive limits	
lower	2,3 % (V)
upper	30,5 % (V)
Partition coefficient: n-octanol/water	No data available.
Evaporation rate	No data available.
Vapor density	No data available.
Oxidising properties	No data available.

Other information:

No data available.

10. Stability and reactivity

Reactivity:

Reaction with oxidants.

Chemical stability:

Stable under recommended storage conditions.

Possibility of hazardous reactions:

See section reactivity

Conditions to avoid:

None if used for intended purpose.

Incompatible materials:

None if used properly.

Hazardous decomposition products:

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

11. Toxicological information

General toxicological information:

The preparation is classified based on the conventional method outlined in Article 6(1)(a) of Directive 1999/45/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

Possible risks of irreversible effects

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.

Acute toxicity:

Hazardous components CAS-No.	Value type	Value	Route of application	Exposure time	Species	Method
Naphtha (petroleum), hydrotreated heavy, <0.1% Benzene 64742-48-9	LC50	> 11 mg/l	inhalation	4 h	rat	OECD Guideline 403 (Acute Inhalation Toxicity)
Methanol 67-56-1	LD50 LC50	7.914 mg/kg 87,5 mg/l	oral inhalation	6 h	rat rat	
Solvent naphtha (petroleum), light arom., <0.1% Benzene 64742-95-6	LD50 LD0	3.500 mg/kg	oral dermal		rat rat	OECD Guideline 401 (Acute Oral Toxicity) OECD Guideline 402 (Acute Dermal Toxicity)
Docosate sodium 577-11-7	LD50	> 2.000 mg/kg	oral		rat	

Skin corrosion/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Naphtha (petroleum), hydrotreated heavy, <0.1% Benzene 64742-48-9	moderately irritating		rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Methanol 67-56-1	not irritating		rabbit	

Serious eye damage/irritation:

Hazardous components CAS-No.	Result	Exposure time	Species	Method
Methanol 67-56-1	not irritating		rabbit	

Respiratory or skin sensitization:

Hazardous components CAS-No.	Result	Test type	Species	Method
Methanol 67-56-1	not sensitising	Guinea pig maximisa- tion test	guinea pig	
Solvent naphtha (petroleum), light arom., <0.1% Benzene 64742-95-6	not sensitising	Guinea pig maximisa- tion test	guinea pig	OECD Guideline 406 (Skin Sensitisation)

Repeated dose toxicity

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Method
Methanol 67-56-1	NOAEL=6,63 mg/l	inhalation	4 weeks 6 h/d, 5 d/w	rat	

12. Ecological information**General ecological information:**

The preparation is classified based on the conventional method outlined in Article 6(1)(a) of Directive 1999/45/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following.

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

Toxicity:

Hazardous components CAS-No.	Value type	Value	Acute Toxicity Study	Exposure time	Species	Method
1,3-Dioxolane 646-06-0	LC50	> 95,4 mg/l	Fish	96 h	Lepomis macrochirus	OECD Guideline 203 (Fish, Acute Toxicity Test)
1,3-Dioxolane 646-06-0	EC50	> 772 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
1,3-Dioxolane 646-06-0	NOEC	877 mg/l	Algae	72 h	Selenastrum capricornutum (new name: Pseudokirchnerella subcapitata)	OECD Guideline 201 (Alga, Growth Inhibition Test)
Naphtha (petroleum), hydrotreated heavy, <0.1% Benzene 64742-48-9	LC50	> 1.000 mg/l	Fish			OECD Guideline 203 (Fish, Acute Toxicity Test)
Naphtha (petroleum), hydrotreated heavy, <0.1% Benzene 64742-48-9	EC50	> 1.000 mg/l	Daphnia		Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Naphtha (petroleum), hydrotreated heavy, <0.1% Benzene 64742-48-9	EC50	> 1.000 mg/l	Algae			OECD Guideline 201 (Alga, Growth Inhibition Test)
Methanol 67-56-1	LC50	> 1.000 mg/l	Fish	48 h	Leuciscus idus	
Methanol 67-56-1	EC50	> 10.000 mg/l	Daphnia	48 h	Daphnia magna	
Methanol 67-56-1	EC50	28,44 g/l	Algae		Chlorella pyrenoidosa	OECD Guideline 201 (Alga, Growth Inhibition Test)
Solvent naphtha (petroleum), light arom., <0.1% Benzene 64742-95-6	LC50	18 mg/l	Fish	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Solvent naphtha (petroleum), light arom., <0.1% Benzene 64742-95-6	EC50	21,3 mg/l	Daphnia	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Solvent naphtha (petroleum), light arom., <0.1% Benzene 64742-95-6	EC50	1 - 10 mg/l	Algae			OECD Guideline 201 (Alga, Growth Inhibition Test)
Docosate sodium 577-11-7	LC50	10 mg/l	Fish	48 h	Leuciscus idus	
Docosate sodium 577-11-7	EC50	23 mg/l	Daphnia	24 h	Daphnia magna	
Docosate sodium 577-11-7	EC50	47 mg/l	Algae	96 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	

Persistence and degradability:

Hazardous components CAS-No.	Result	Route of application	Degradability	Method
1,3-Dioxolane 646-06-0		aerobic	20 %	OECD Guideline 301 C (Ready Biodegradability: Modified MITI Test (I))
Naphtha (petroleum), hydrotreated heavy, <0.1% Benzene 64742-48-9			23 - 35 %	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Methanol 67-56-1	readily biodegradable	aerobic	82 - 92 %	EU Method C.4-E (Determination of the "Ready" Biodegradability Closed Bottle Test)
Solvent naphtha (petroleum), light arom., <0.1% Benzene 64742-95-6			21 %	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
	readily biodegradable	aerobic	78 %	OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)
Docosate sodium 577-11-7	readily biodegradable	aerobic	68 %	EU Method C.4-E (Determination of the "Ready" Biodegradability Closed Bottle Test)

Bioaccumulative potential / Mobility in soil:

Hazardous components CAS-No.	LogKow	Bioconcentration factor (BCF)	Exposure time	Species	Temperature	Method
1,3-Dioxolane 646-06-0	-0,35					
Methanol 67-56-1	-0,77					
Solvent naphtha (petroleum), light arom., <0.1% Benzene 64742-95-6	> 3					OECD Guideline 107 (Partition Coefficient (n- octanol / water), Shake Flask Method)

13. Disposal considerations**Waste treatment methods:**

Product disposal:

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

Disposal of uncleaned packages:

Use packages for recycling only when totally empty.

Waste code

08 04 09 waste adhesives and sealants containing organic solvents and other dangerous substances

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

Class:	3
Packaging group:	II
Classification code:	F1
Hazard ident. number:	33
UN no.:	1263
Label:	3
Technical name:	PAINT
Tunnelcode:	(D/E)
Additional information:	Special provision 640D

Railroad transport RID:

Class: 3
Packaging group: II
Classification code: F1
Hazard ident. number: 33
UN no.: 1263
Label: 3
Technical name: PAINT
Tunnelcode:
Additional information: Special provision 640D

Inland water transport ADN:

Class: 3
Packaging group: II
Classification code: F1
Hazard ident. number:
UN no.: 1263
Label: 3
Technical name: PAINT
Additional information: Special provision 640D

Marine transport IMDG:

Class: 3
Packaging group: II
UN no.: 1263
Label: 3
EmS: F-E ,S-E
Seawater pollutant: -
Proper shipping name: PAINT

Air transport IATA:

Class: 3
Packaging group: II
Packaging instructions (passenger) 305
Packaging instructions (cargo) 307
UN no.: 1263
Label: 3
Proper shipping name: Paint

15. Regulatory information**Safety, health and environmental regulations/legislation specific for the substance or mixture:**

VOC content 5,02 %
(VOCV 814.018 VOC regulation
CH)

List of ingredients according to Detergents regulation.

1,3-Dioxolane
Methylal
Methanol
Naphtha (petroleum), hydrotreated heavy, <0.1% Benzene
Docusate sodium
Hydroxypropyl methylcellulose
Paraffin waxes and Hydrocarbon waxes
Solvent naphtha (petroleum), light arom., <0.1% Benzene
Water
2,5,7,10-tetraoxaundecane
Sodium tetraborate decahydrate
Carbonic acid disodium salt, decahydrate
Benzenamine, N,N-diethyl-4-(phenylazo)-
1,4-Bis(isopropylamino)anthraquinone
Formaldehyde

16. Other information

The labelling of the product is indicated in Section 2. The full text of all abbreviations 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.

R37 Irritating to respiratory system.

R38 Irritating to skin.

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

R41 Risk of serious damage to eyes.

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.

EUH066 Repeated exposure may cause skin dryness or cracking.

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H301 Toxic if swallowed.

H304 May be fatal if swallowed and enters airways.

H311 Toxic in contact with skin.

H331 Toxic if inhaled.

H340 May cause genetic defects.

H350 May cause cancer.

H370 Causes damage to organs.

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.