SAFETY DATA SHEET
NITROMORS ALL PURPOSE PAINT & VARNISH REMOVER

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME: NITROMORS ALL PURPOSE PAINT & VARNISH REMOVER

PRODUCT NO.: 261167, 261178, 261179, 261180, 261194, 261201, 261202, 261203, 530469, 538801, 261168, 646370, 261163, 231164, 261165, 261166, 683819, 683321, 697204, 261169, 261170, 261173, 261174, 261181, 261174, 261175, 261176, 6261177

APPLICATION: Paint & varnish remover

SUPPLIER: Henkel Consumer Adhesives
Road 5, Winsford Industrial Estate
Winsford
Cheshire CW7 3QY
T: 01606 593933
F: 01606 863762
E: technical.services@henkel.co.uk

2 COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>EC No.</th>
<th>CAS-No.</th>
<th>Content</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>DICHLOROMETHANE</td>
<td>200-838-9</td>
<td>75-09-2</td>
<td>60-100%</td>
<td>Carc3;R40</td>
</tr>
<tr>
<td>METHANOL</td>
<td>200-659-6</td>
<td>67-56-1</td>
<td>5-10%</td>
<td>F;R11 T;R23/24/25,R39/23/24/25</td>
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<tr>
<td>WHITE SPIRIT</td>
<td>265-185-4</td>
<td>64742-82-1</td>
<td>1-5%</td>
<td>Xn;R65. N;R51/53. R10,R66.</td>
</tr>
</tbody>
</table>

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

3 HAZARDS IDENTIFICATION

Limited evidence of a carcinogenic effect. Harmful by inhalation, in contact with skin and if swallowed. Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed.

Product will cause irritation or pain due to strong defatting action on skin. Will irritate eyes.

CLASSIFICATION Xn;R20/21/22,R68/20/21/22. Carc 3;R40.

4 FIRST-AID MEASURES

GENERAL INFORMATION
Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INHALATION
Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION
DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Remove victim immediately from source of exposure. Rinse mouth thoroughly. Provide rest, warmth and fresh air. Get medical attention immediately.

SKIN CONTACT
Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation persists after washing.

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. Contact physician if irritation persists.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA
Fire can be extinguished using: Water spray, fog or mist. Alcohol resistant foam. Carbon dioxide (CO2). Dry chemicals, sand, dolomite etc.
NITROMORS ALL PURPOSE PAINT & VARNISH REMOVER

SPECIAL FIRE FIGHTING PROCEDURES
Avoid breathing fire vapours. Use pressurised air mask if product is involved in a fire. Cool containers exposed to flames with water until well after the fire is out. Keep run-off water out of sewers and water sources. Dike for water control. If risk of water pollution occurs, notify appropriate authorities.

UNUSUAL FIRE & EXPLOSION HAZARDS
May develop highly toxic or corrosive fumes if heated. May form explosive or toxic mixtures with air.

SPECIFIC HAZARDS

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS
Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Provide ventilation and confine spill. Do not allow runoff to sewer. Collect with absorbent, non-combustible material into suitable containers. Collect and reclaim or dispose in sealed containers in licensed waste. Clean-up personnel should use respiratory and/or liquid contact protection. When dealing with a spillage, please consult the section relating to suitable protective measures. Should be prevented from entering drains. Do not contaminate water sources or sewer. Inform Authorities if large amounts are involved.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS
Avoid spilling, skin and eye contact. Keep away from heat, sparks and open flame. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Use explosion proof electric equipment. Wear full protective clothing for prolonged exposure and/or high concentrations.

STORAGE PRECAUTIONS
Store in tightly closed original container in a cool, dry well-ventilated place. Keep in original container. Keep away from heat, sparks and open flame. Handle and open with care: pressure may occur if the container is stored in warm conditions.

STORAGE CLASS
Miscellaneous hazardous material storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>Name</th>
<th>Std</th>
<th>LT - ppm</th>
<th>LT - mg/m3</th>
<th>ST - ppm</th>
<th>ST - mg/m3</th>
</tr>
</thead>
<tbody>
<tr>
<td>DICHLOROMETHANE</td>
<td>MEL</td>
<td>100 (Sk)</td>
<td>350 (Sk)</td>
<td>300 (Sk)</td>
<td>1060 (Sk)</td>
</tr>
<tr>
<td>METHANOL</td>
<td>OES</td>
<td>200 (Sk)</td>
<td>266 (Sk)</td>
<td>250 (Sk)</td>
<td>333 (Sk)</td>
</tr>
</tbody>
</table>

INGREDIENT COMMENTS
OES = Occupational Exposure Standard. MEL = Maximum Exposure Limit.

PROTECTIVE EQUIPMENT

ENGINEERING MEASURES
All handling to take place in well-ventilated area. Provide adequate general and local exhaust ventilation. Must not be handled in confined space without sufficient ventilation.

RESPIRATORY EQUIPMENT
Respiratory protection must be used if air contamination exceeds acceptable level. Supplied-air respirator. Self-contained breathing apparatus.

HAND PROTECTION
Use protective gloves. For short term exposure Use protective gloves made of: Polyvinyl chloride (PVC). For longer term exposure wear North Silver Shield Gloves (break through time >8 hours).

EYE PROTECTION
Use approved safety goggles or face shield.

OTHER PROTECTION
Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES
DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap & water if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.
9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Mobile Viscous Liquid
COLOUR Clear to Milky.
ODOUR Sweetish Chlorinated hydrocarbons.
VOLATILITY DESCRIPTION Volatile.
SOLUBILITY Slightly soluble in water. Soluble in Organic solvents
BOILING POINT (°C) ~ 40 RELATIVE DENSITY ~ 1.22 @ 20 °c
VAPOUR DENSITY (air=1) 2.93 VAPOUR PRESSURE (dichloromethane) 380 mbar
EVAPORATION RATE <2% in 30 minutes VOLATILE BY VOL. (%) 100
VISCOSITY Brookfield ~ 3000 cps @ 20 °c FLASH POINT (°C) None
SOLUBILITY VALUE (g/100g H2O@20°C) ~ 7

10 STABILITY AND REACTIVITY

STABILITY
Stable under normal temperature conditions. Will decompose on red hot surfaces, in electric arcs or naked flames to evolve predominately hydrochloric acid and a trace of phosgene gas
CONDITIONS TO AVOID
Avoid heat. Avoid contact with oxidisers or reducing agents.
HAZARDOUS DECOMPOSITION PRODUCTS

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 (dichloromethane) 1600 mg/kg (oral rat)
HEALTH WARNINGS
Gas or vapour is harmful on prolonged exposure or in high concentration. This chemical may cause skin/eye irritation. CNS depressant.
INHALATION. Solvent vapours are hazardous and may cause nausea, sickness and headaches. May cause irritation to the respiratory system. Narcotic effect. SKIN CONTACT. Irritating to skin. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.
EYE CONTACT. Irritating to eyes. INGESTION.
Swallowing concentrated chemical may cause severe internal injury. Liver and/or kidney damage. Unconsciousness, death.
Other Health Effects
ROUTE OF ENTRY
Inhalation. Skin absorption. Ingestion. Skin and/or eye contact.
TARGET ORGANS
MEDICAL SYMPTOMS
MEDICAL CONSIDERATIONS
Skin disorders and allergies. Liver and/or kidney problems. Convulsive disorders, CNS problems. History of smoking.

12 ECOLOGICAL INFORMATION

ECOTOXICITY
Dangerous for the environment if discharged into watercourses.
LC 50, 96 Hrs, FISH mg/l 193-330 (dichloromethane)
MOBILITY
Will sink in aqueous systems. Slightly soluble in water. Will evaporate from land spillage.
BIOACCUMULATION
Not expected to bioaccumulate.
DEGRADABILITY
Slowly biodegradable in water. Slowly biodegradable in soil.

13 DISPOSAL CONSIDERATIONS
DISPOSAL METHODS
Vent to atmosphere. Dispose of waste and residues in accordance with local authority requirements. Do not allow runoff to sewer, waterway or ground.

14 TRANSPORT INFORMATION

PROPER SHIPPING NAME  TOXIC LIQUID, ORGANIC N.O.S. (Contains dichloromethane & methanol)
UN NO. ROAD  2810
ADR PACK GROUP  III
ADR LABEL NO.  6.1
RID PACK GROUP  III
IMDG CLASS  6.1
EMS  F-A, S-A
UN NO. AIR  2810
AIR PACK GR.  III

15 REGULATORY INFORMATION

LABELLING
Harmful

CONTAINS
DICHLOROMETHANE
METHANOL

RISK PHRASES
R40  Limited evidence of a carcinogenic effect.
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
P16  Can become highly flammable in use.
S23A  Do not breathe gas/fumes/vapour/spray.
S2  Keep out of the reach of children
S51  Use only in well-ventilated areas.
S52  Not recommended for interior use on large surface areas.
S3/7/9  Keep container tightly closed, in a cool, well ventilated place.
S24/25  Avoid contact with skin and eyes.
S36/37/39  Wear suitable protective clothing, gloves and eye/face protection.
S62  If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label.
S13  Keep away from food, drink and animal feeding stuffs.
S18  Handle and open container with care.
S21  When using do not smoke.
S35  This material and its container must be disposed of in a safe way.

STATUTORY INSTRUMENTS
Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.
APPROVED CODE OF PRACTICE
Classification and Labelling of Substances and Preparations Dangerous for Supply.
NITROMORS ALL PURPOSE PAINT & VARNISH REMOVER

GUIDANCE NOTES
Occupational Exposure Limits EH40.

16 OTHER INFORMATION

INFORMATION SOURCES

ISSUED BY
Technical Services Department, Winsford, Cheshire

REVISION DATE 09-11-2004

RISK PHRASES IN FULL
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.

DISCLAIMER

Every effort has been made to ensure that this information is accurate and up to date. Users are reminded that they should ensure that they have retained or internally circulated the most up to date copy as provided to the persons or work locations which require them. No warranty is implied or given as to suitability for use for any activity which is not covered by either the technical data sheet or restrictions of use as above.