



## SAFETY DATA SHEET

GUARD SOLVENT D

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Compilation date: 20/10/2008

Revision date: 14/10/2011

Revision No: 3

### Section 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name: GUARD SOLVENT D

REACH registered number(s): 01-2119473851-33

CAS number: 64742-49-0

EINECS number: 265-151-9

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.3. Details of the supplier of the safety data sheet

Global Head Office: New Guard Coatings Group  
Sandbeck Way  
Wetherby  
West Yorks  
LS22 7DN  
United Kingdom



Tel: 01937 586311

Email: [uksales@newguardcoatings.com](mailto:uksales@newguardcoatings.com)

[www.newguardcoatings.com](http://www.newguardcoatings.com)

#### 1.4. Emergency telephone number

Emergency tel: 01423 358058 (Office Hours Only)

### Section 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification under CHIP: F: R11; Xi: R38; N: R51/53; Xn: R65; -: R67

Classification under CLP: Aquatic Chronic 2: H411; Flam. Liq. 2: H225; Skin Irrit. 2: H315; Resp. Sens. 1: H334;  
Asp. Tox. 1: H304; STOT SE 3: H336

**Most important adverse effects:** Highly flammable. Irritating to skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Vapours may cause drowsiness and dizziness.

#### 2.2. Label elements

##### Label elements under CLP:

**Hazard statements:** H225: Highly flammable liquid and vapour.

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H304: May be fatal if swallowed and enters airways.

H336: May cause drowsiness or dizziness.

[cont...]

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H315: Causes skin irritation.

H411: Toxic to aquatic life with long lasting effects.

**Signal words:** Danger

**Hazard pictograms:** GHS02: Flame

GHS08: Health hazard

GHS09: Environmental

GHS07: Exclamation mark



**Precautionary statements:** P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P243: Take precautionary measures against static discharge.

P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P403+233: Store in a well-ventilated place. Keep container tightly closed.

### Label elements under CHIP:

**Hazard symbols:** Highly flammable.

Irritant.

Dangerous for the environment.



**Risk phrases:** R11: Highly flammable.

R38: Irritating to skin.

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

R65: Harmful: may cause lung damage if swallowed.

R67: Vapours may cause drowsiness and dizziness.

**Safety phrases:** S16: Keep away from sources of ignition - No smoking.

S33: Take precautionary measures against static discharges.

S23: Do not breathe vapour.

S24: Avoid contact with skin.

S61: Avoid release to the environment. Refer to special instructions / safety data sheets.

S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

### 2.3. Other hazards

**Other hazards:** In use, may form flammable / explosive vapour-air mixture.

**PBT:** This substance is not identified as a PBT substance.

[cont...]

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## Section 3: Composition/information on ingredients

### 3.1. Substances

**Chemical identity:** LOW BOILING POINT HYDROGEN TREATED NAPHTHA - NAPHTHA (PETROLEUM),  
HYDROTREATED LIGHT

**CAS number:** 64742-49-0

**EINECS number:** 265-151-9

**Contains:** Substance contains less than 0.1%w/w benzene.

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues

**Ingestion:** Wash out mouth with water. If patient is conscious, give water to drink. If patient feels unwell, seek medical advice. DO NOT INDUCE VOMITING.

**Inhalation:** Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete, seek medical advice.

### 4.2. Most important symptoms and effects, both acute and delayed

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

### 4.3. Indication of any immediate medical attention and special treatment needed

**Immediate / special treatment:** Eye bathing equipment should be available on the premises.

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** Highly flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

[cont...]

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## 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

### 7.3. Specific end use(s)

**Specific end use(s):** No data available.

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

[cont...]

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## Workplace exposure limits:

## Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1400 mg/m <sup>3</sup>	-	-	-

## 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

**Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.

**Hand protection:** Butyl, nitrile or pvc coated gloves. Ensure gloves are manufactured/tested in accordance with BS EN 374.

**Eye protection:** Safety goggles. Ensure eye bath is to hand.

**Skin protection:** Impermeable protective clothing.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Liquid

**Colour:** Colourless

**Odour:** Paraffinic

**Solubility in water:** Insoluble

**Also soluble in:** Most organic solvents.

**Boiling point/range°C:** 60-95

**Melting point/range°C:** -40

**Flammability limits %: lower:** 1.1

**upper:** 7.3

**Flash point°C:** -25

**Part.coeff. n-octanol/water:** log Pow=4-5.1

**Autoflammability°C:** >260

**Vapour pressure:** 17.2kPa@20c

**Relative density:** 0.693

**pH:** N/A

### 9.2. Other information

**Other information:** Not applicable.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions. Stable at room temperature.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

[cont...]

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## 10.4. Conditions to avoid

**Conditions to avoid:** Heat. Hot surfaces. Sources of ignition. Flames.

## 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

## 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Relevant hazards for substance:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Based on test data
Respiratory/skin sensitisation	INH	Based on test data
STOT-single exposure	-	Based on test data
Aspiration hazard	-	Based on test data

### Symptoms / routes of exposure

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:** Not applicable.

### 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No bioaccumulation potential.

### 12.4. Mobility in soil

**Mobility:** Readily absorbed into soil.

### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This substance is not identified as a PBT substance.

[cont...]

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## 12.6. Other adverse effects

**Other adverse effects:** Negligible ecotoxicity.

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

### 14.1. UN number

**UN number:** UN3295

### 14.2. UN proper shipping name

**Shipping name:** HYDROCARBONS, LIQUID, N.O.S.  
(NAPHTHA (PETROLEUM), HYDROTREATEDLIGHT)

### 14.3. Transport hazard class(es)

**Transport class:** 3

### 14.4. Packing group

**Packing group:** II

### 14.5. Environmental hazards

**Environmentally hazardous:** Yes

**Marine pollutant:** No

### 14.6. Special precautions for user

**Special precautions:** No special precautions.

**Tunnel code:** D/E

**Transport category:** 2

## Section 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

\* indicates text in the SDS which has changed since the last revision.

[cont...]

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**Phrases used in s.2 and 3:** H225: Highly flammable liquid and vapour.  
H304: May be fatal if swallowed and enters airways.  
H315: Causes skin irritation.  
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
H336: May cause drowsiness or dizziness.  
H411: Toxic to aquatic life with long lasting effects.  
R11: Highly flammable.  
R38: Irritating to skin.  
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R65: Harmful: may cause lung damage if swallowed.  
R67: Vapours may cause drowsiness and dizziness.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.



