

## SAFETY DATA SHEET DOUGLAS BRUSH CLEANER

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. Product identifier

**Product name** DOUGLAS BRUSH CLEANER  
**REACH Registration number** NOT APPLICABLE THIS IS A MIXTURE  
**REACH Registration notes** Registration number is not applicable as this is a mixture.

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

**Identified uses** FOR CLEANING PAINT BRUSHES SU 21 Consumer Uses. PC9a - COATINGS AND PAINTS, THINNERS  
**Uses advised against** Any other use than described above.

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

**Supplier** Curust Industries Limited  
Units12/13  
Southern Cross Business Park  
Bray. Co Wicklow  
Ireland  
+3531-2760800  
+3531-2760799  
info@curust.ie

#### 1.4. Emergency telephone number

General public 01 8092166  
**National Emergency Telephone Number**  
National Poisons Information Service Ireland (medical professionals) 01 809 2566 or 01 837 9964.

### SECTION 2: HAZARDS IDENTIFICATION

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

**Classification (EC 1272/2008)**  
Physical and Chemical Hazards Flam. Liq. 3 - H226  
Human health EUH066;STOT SE 3 - H336;STOT RE 1 - H372;Asp. Tox. 1 - H304  
Environment Aquatic Chronic 2 - H411  
**Classification (1999/45/EEC)** Xn;R48/20, R65. N;R51/53. R10, R66, R67.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

##### Physical and Chemical Hazards

Vapours are heavier than air and may travel along the floor and in the bottom of containers. Heating will generate vapours which may form explosive vapour/air mixtures.

#### 2.2. Label elements

**Contains** Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

**Label In Accordance With (EC) No. 1272/2008**



**Signal Word** Danger

##### Hazard Statements

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
H372	Causes damage to organs Central nervous system through prolonged or repeated exposure if inhaled.

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<b>Precautionary Statements</b>	H411	Toxic to aquatic life with long lasting effects.
	P102	Keep out of reach of children.
	P210	Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
	P270	Do not eat, drink or smoke when using this product.
	P271	Use only outdoors or in a well-ventilated area.
	P260	Do not breathe vapour/spray. Wear nitrile/PVC protective gloves. IF SWALLOWED: Immediately call a doctor/NHS 111. Do NOT induce vomiting. IF INHALED: Remove person to fresh air and keep comfortable for breathing. P312 Call a Doctor/NHS if you feel unwell. P303+352 IF ON SKIN: Wash with plenty of soap and water.
	P403+233	Store in a well-ventilated place. Keep container tightly closed.
	P405	Store locked up. P501 Dispose of contents/container to hazardous waste collection point.
<b>Supplementary Precautionary Statements</b>	P233	Keep container tightly closed.
<b>Supplemental label information</b>	EUH066	Repeated exposure may cause skin dryness or cracking.

## 2.3. Other hazards

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

<b>Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)</b>		<b>60-100%</b>
<b>CAS-No.:</b>	<b>EC No.: 919-446-0</b>	<b>Registration Number: 01-2119458049-33-XXXX</b>
Classification (EC 1272/2008) Flam. Liq. 3 - H226 EUH066 STOT SE 3 - H336 STOT RE 1 - H372 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Xn;R65,R48/20. N;R51/53. R10,R66,R67.	
<b>ISOPROPYLAMINE DODECYCBENZENE SULPHONATE</b>		<b>1-5%</b>
<b>CAS-No.: 26264-05-1</b>	<b>EC No.: 247-556-2</b>	
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Dam. 1 - H318	Classification (67/548/EEC) Xi;R38,R41.	
<b>METHOXY PROPOXY PROPANOL</b>		<b>&lt; 1%</b>
<b>CAS-No.: 34590-94-8</b>	<b>EC No.:</b>	<b>Registration Number: 01-2119450011-60-XXXX</b>
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**REACH Registration number** NOT APPLICABLE THIS IS A MIXTURE  
**REACH Registration notes** Registration number is not applicable as this is a mixture.  
**Ingredient notes**

Contains: GREATER THAN 30% ALIPHATIC HYDROCARBONS 15% OR OVER BUT LESS THAN 30% AROMATIC HYDROCARBONS  
 Less than 5% ANIONIC SURFACTANT

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## Composition Comments

A complex and variable combination of paraffinic and aromatic hydrocarbons having a carbon number range predominantly of C9 to C12 and boiling in the range of approximately 135 to 220 degrees C. The aromatic content is between 2% and 25%.

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General information

IN CASE OF SERIOUS OR PERSISTENT CONDITIONS, CALL A DOCTOR OR EMERGENCY MEDICAL CARE.

#### Inhalation

Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

#### Ingestion

DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention immediately! Provide rest, warmth and fresh air.

#### Skin contact

Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

#### Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

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

#### Inhalation

vapours inhaled in strong concentration have a narcotic effect on the central nervous system. Irritation of the respiratory tract due to excessive fume, causes headache, drowsiness or other effects to the central nervous system, loss of consciousness.

#### Ingestion

Nausea, vomiting, abdominal pain.

#### Skin contact

Prolonged or repeated contact may cause irritation and dry skin.

#### Eye contact

Burning feeling and temporary redness.

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

The most severe risk is through ingestion, the product may enter the lungs due to its low viscosity and lead to the rapid development of very serious inhalation pulmonary lesions (medical survey during 48 hours).

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing media

Fire can be extinguished using: Foam. Carbon dioxide (CO2). Water spray, fog or mist. Powder.

#### Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

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

#### Hazardous combustion products

Incomplete combustion and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled in confined spaces or at high concentrations.

#### Unusual Fire & Explosion Hazards

May explode when heated or when exposed to flames or sparks. If heated, volume and pressure increases strongly, resulting in explosion of container.

#### Specific hazards

Vapours are heavier than air and may travel along the floor and in the bottom of containers. Vapours may be ignited by a spark, a hot surface or an ember.

### 5.3. Advice for firefighters

#### Special Fire Fighting Procedures

Avoid breathing fire vapours. 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. Containers close to fire should be removed or cooled with water.

#### Protective equipment for fire-fighters

Wear self-contained breathing apparatus and protective suit. In case of a large fire or in confined or poorly ventilated spaces, wear full fire retardant protective clothing and self contained breathing apparatus with a full face-piece operated in positive pressure mode.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

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

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

Land Spill: Eliminate all ignition sources (no smoking, flares, sparks or flames in the immediate area). Stop leak if you can do so without risk. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, basements or confined areas. A vapour-suppressing foam may be used to reduce vapour. Use clean non-sparking tools to collect absorbed material. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Water Spill: Stop leak if you can do so without risk. Eliminate sources of ignition. Warn or evacuate occupants in surrounding and downwind areas if required, due to the toxicity or flammability of the material. If the flashpoint exceeds the ambient air temperature by 10 degrees C or more, use containment booms and remove from the surface by skimming or with suitable absorbents. If the flashpoint does not exceed the ambient air temperature by at least 10 degrees C, use booms as a barrier to protect shorelines and allow material to evaporate. Seek the advice of a specialist before using dispersants.

### 6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for additional information on health hazards. For waste disposal, see section 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid contact with skin and eyes. Keep away from heat, sparks and open flame. Eliminate all sources of ignition. Risk of vapour concentration on the floor and in low-lying areas. Static electricity and formation of sparks must be prevented. Use explosion proof electric equipment. Storage tanks and other containers must be grounded. Protect electric equipment against sparking in case of risk of explosion. Wear full protective clothing for prolonged exposure and/or high concentrations. Contaminated clothing and shoes must be discarded. Contaminated rags and cloths must be put in fireproof containers for disposal. Do not eat, drink or smoke when using the product. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Do not handle broken packages without protective equipment. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not use in confined spaces without adequate ventilation and/or respirator. Container must be kept tightly closed.

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

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container. Flammable/combustible - Keep away from oxidisers, heat and flames. Take precautionary measures against static discharges. May attack some plastics, rubber and coatings.

#### Storage Class

Flammable liquid storage.

### 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2. For further information see attached Exposure Scenario.

#### Usage Description

FOR FURTHER INFORMATION ON SPECIFIC END USE CONSULT ATTACHED EXPOSURE SCENARIO. Ensure adequate ventilation of work area and prevent build up of dust. If this is not possible then suitable extraction should be employed near to the emission point. Avoid all contact with skin and eyes. Keep out of reach of children. When using transfer required amount to a non-plastic container such as glass or metal. Open containers slowly in order to release any pressure build up that may occur. Keep containers closed when not in use.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)	WEL		350 mg/m3			
ISOPROPYLAMINE DODECYCBENZENE SULPHONATE	WEL	No std.	No std.	No std.	No std.	
METHOXY PROPOXY PROPANOL	WEL	100 ppm	375 mg/m3	150 ppm	560 mg/m3	

WEL = Workplace Exposure Limit.

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## Ingredient Comments

CEFIC-HSPA recommended Workplace Exposure Limit (WEL) 350 mg/m<sup>3</sup> THIS DATA APPLIES TO THE MAIN SOLVENT FRACTION

### DNEL

Industry	Dermal	Long Term	44	mg/kg/day
Industry	Inhalation.	Long Term	330 per 8 hours	mg/m <sup>3</sup>
Consumer	Dermal	Long Term	26	mg/kg/day
Consumer	Inhalation.	Long Term	71 per 24 hours	mg/m <sup>3</sup>
Consumer	Oral	Long Term	26	mg/kg/day

### Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

#### Ingredient Comments

The Workplace Exposure Limited quoted is an advisory level from the CEFIC-HSPA The figures quoted below are taken from the registration document.

### DNEL

Industry	Dermal	Long Term	Systemic Effects	44 mg/kg/day
Industry	Inhalation.	Long Term	Systemic Effects	330 mg/m <sup>3</sup>
Consumer	Dermal	Long Term	Systemic Effects	26 mg/kg/day
Consumer	Inhalation.	Long Term	Systemic Effects	71 mg/m <sup>3</sup>
Consumer	Oral	Long Term	Systemic Effects	26 mg/kg/day

## 8.2. Exposure controls

### Protective equipment



### Engineering measures

Protective engineering solutions should be implemented and in use before Personal Protective Equipment (PPE) is considered. If enclosed handling cannot be guaranteed, ventilation and protective clothing must be used.

### Respiratory equipment

For rescue and maintenance work in storage tanks use self-contained breathing apparatus. In an emergency or for exceptional short-lasting jobs in an atmosphere polluted by the product it is necessary to wear protective respiratory equipment fitted with a ABE1, ABE2 or ABEK1 gas filter.

### Hand protection

Protective gloves must be used if there is a risk of direct contact or splash. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Use protective gloves made of: Nitrile.

### Eye protection

Wear approved chemical safety goggles where eye exposure is reasonably probable.

### 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 hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

### Environmental Exposure Controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. The risk management measures that adequately control exposure of the environment are set out in the exposure scenarios in the annex to this Safety Data Sheet. Residues and empty containers should be taken care of as hazardous waste according to local and national provisions.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	Liquid
Colour	Blue.
Odour	Aromatic hydrocarbons.
Solubility	Immiscible with water
Initial boiling point and boiling range (°C)	150 - 200 ISO 3405
Melting point (°C)	Not applicable.
Relative density	763 - 803 15 deg C

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ISO12185

## Vapour density (air=1)

Not available.

Vapour pressure < 5 kPa 20

Evaporation rate 65 (EtEt=1)

DIN 53170

## pH-Value, Conc. Solution

Not applicable.

Viscosity 0.95 m2/s 40

ASTM D 445

## Solubility Value (G/100G H2O@20°C)

Not available.

## Odour Threshold, Lower

Not available.

Flash point (°C) >= 41Deg C CC (Closed cup).

ISO 2719

Auto Ignition Temperature (°C) >230

ASTM E 659-78

Flammability Limit - Lower(%) 0.7

Flammability Limit - Upper(%) 7

## Explosive properties

May form explosive mixtures with air. The material can accumulate static charge and can therefore cause electrical ignition.

## Oxidising properties

Does not meet the criteria for oxidising.

## Comments

Information declared as "Not available, Not relevant or Not applicable" is not considered justified for enabling proper control measures to be taken. Information given concerns the major ingredient.

## 9.2. Other information

Surface Tension 0.0245 N/m @ 25 dgress C EN14370

Volatility Description Volatile

Volatile By Vol. (%) 98

Volatile Organic Compound (VOC) 795g/l g/litre

Figure quoted is for the main ingredient.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

No specific reactivity hazards associated with this product.

### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use. Stable under the prescribed storage conditions.

### 10.3. Possibility of hazardous reactions

None under normal processing.

#### Hazardous Polymerisation

Not relevant

### 10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition. Take precautionary measures against static discharge.

### 10.5. Incompatible materials

#### Materials To Avoid

Acids, oxidising.

### 10.6. Hazardous decomposition products

Incomplete combustion and thermolysis produces potentially toxic gases such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

# DOUGLAS BRUSH CLEANER

## **Other Health Effects**

Harmful: if swallowed accidentally, the product may enter the lungs due to its low viscosity and lead to the rapid development of very serious pulmonary lesions (medical survey for 48 hours min).

## **Respiratory or skin sensitisation:**

### **Skin sensitisation**

Not applicable.

Not Sensitising.

## **Germ cell mutagenicity:**

### **Genotoxicity - In Vitro**

Not applicable.

Negative.

## **Carcinogenicity:**

### **Carcinogenicity**

Not applicable.

This product is not classified carcinogenic.

## **Reproductive Toxicity:**

### **Reproductive Toxicity - Fertility**

No information available.

Results of guideline developmental toxicity studies on the substance and OECD developmental toxicity screening studies showed no evidence of developmental toxicity in rats.

## **Specific target organ toxicity - repeated exposure:**

### **Target Organs**

Central nervous system Respiratory system, lungs

## **Aspiration hazard:**

### **Viscosity**

Kinematic viscosity <= 20.5 mm<sup>2</sup>/s.

The fluid can enter the lungs and cause damage (chemical pneumonitis, potentially fatal).

## **Inhalation**

Vapours inhaled in strong concentrations have a narcotic effect on the central nervous system. Irritation of the respiratory tract due to excessive fume. Causes headache, drowsiness or other effects to the central nervous system, loss of consciousness.

## **Ingestion**

Symptoms: Nausea, vomiting, abdominal pain. Harmful: If swallowed accidentally, the product may enter the lungs due to its low viscosity and lead to the rapid development of very serious inhalation pulmonary lesions (medical survey during 48 hours).

## **Skin contact**

Prolonged or repeated contact may dry skin and cause irritation. Frequent or prolonged skin contact destroys the lipid cutaneous layer and may cause dermatitis.

## **Eye contact**

Burning feeling and temporary redness.

### **Target Organs**

Skin Eyes Respiratory system, lungs

## **Toxicological information on ingredients.**

### **METHOXY PROPOXY PROPANOL (CAS: 34590-94-8)**

## **Acute toxicity:**

### **Acute Toxicity (Oral LD50)**

> 5000 mg/kg Rat

# DOUGLAS BRUSH CLEANER

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

## Acute toxicity:

### **Acute Toxicity (Oral LD50)**

> 15000 mg/kg Rat

REACH dossier information OECD 401

### **Acute Toxicity (Dermal LD50)**

> 3400 mg/kg Rat

REACH dossier information 24 hour

### **Acute Toxicity (Inhalation LC50)**

> 13100 mg/l (vapours) Rat 4 hours

OECD 403

## ISOPROPYLAMINE DODECYCBENZENE SULPHONATE (CAS: 26264-05-1)

## Acute toxicity:

### **Acute Toxicity (Oral LD50)**

> 2000 mg/kg Rat

## SECTION 12: ECOLOGICAL INFORMATION

### **Ecotoxicity**

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

### **12.1. Toxicity**

#### Ecological information on ingredients.

### METHOXY PROPOXY PROPANOL (CAS: 34590-94-8)

#### **LC 50, 96 Hrs, Fish mg/l**

>1000

### Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

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

#### **Acute Toxicity - Fish**

LC50 96 hours ~ 10-30 mg/l Onchorhynchus mykiss (Rainbow trout)

REACH dossier information OECD 203

#### **Acute Toxicity - Aquatic Invertebrates**

EC50 48 hours ~ 10-22 mg/l Daphnia magna

OECD 202

#### **Acute Toxicity - Aquatic Plants**

EC50 72 hours ~ 4.1 mg/l Selenastrum capricornutum

REACH dossier information OECD 201

72 hours ~ 4.6-10 mg/l Selenastrum capricornutum

REACH dossier information OECD 201

#### **Chronic Toxicity - Fish Early life Stage**

LOEC 21 days ~ 0.13 mg/l Onchorhynchus mykiss (Rainbow trout)

REACH dossier information QSAR Petrox

#### **Chronic Toxicity - Aquatic Invertebrates**

LOEC 21 days ~ 0.28 mg/l Daphnia magna

OCDE 211

### **12.2. Persistence and degradability**

#### **Degradability**

Readily biodegradable

#### **Biodegradation**

Degradation (75%) ~ 28 days

OECD 301F

The substance is readily biodegradable.

# DOUGLAS BRUSH CLEANER

## Ecological information on ingredients.

Hydrocarbons, C9-C12, n-alkanes, isoalkanes, cyclics, aromatics (2-25%)

### **Degradability**

Readily Biodegradable OECD 301F 80% after 28 days

### **12.3. Bioaccumulative potential**

#### **Bioaccumulative potential**

Measured experimental data on hydrocarbons UVCB substances are not meaningful, since each component of the constituents is likely to behave differently.

### **12.4. Mobility in soil**

#### **Mobility:**

The product is insoluble in water and will spread on the water surface. The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces. The product is miscible with water. May spread in water systems.

### **12.5. Results of PBT and vPvB assessment**

Not Classified as PBT/vPvB by current EU criteria.

### **12.6. Other adverse effects**

Not available.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

### **General information**

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority. Waste is suitable for incineration. Rags and the like, moistened with flammable liquids, must be discarded into designated fireproof bucket. Where possible packaging should be collected for reuse or recycling.

### **13.1. Waste treatment methods**

Empty containers must not be burned because of explosion hazard. Recover and reclaim or recycle, if practical. Liquid components can be disposed of by incineration. Waste material is classified as hazardous waste and should be disposed of by incineration or collected by a registered waste disposal company, operating within the scope of the Hazardous waste Regulations 2005 in the UK or local equivalent regulations in other countries.

#### **Waste Class**

When this product, in its liquid state, as supplied becomes waste it should be disposed of as hazardous waste using the waste code 08 01 11 waste paint and varnish containing organic solvents or other dangerous substances. Empty used containers should be disposed of as waste code 15 01 10 packaging containing residues of or contaminated by dangerous substances. When used the removed sludge should be disposed of using waste code 08 01 13 sludges from paint and varnish remover containing organic solvents or other dangerous substances. Any absorbents used for clearing up spills should be disposed of using waste code 15 02 02 absorbents contaminated by dangerous substances.

## **SECTION 14: TRANSPORT INFORMATION**

### **14.1. UN number**

UN No. (ADR/RID/ADN)	1263
UN No. (IMDG)	1263
UN No. (ICAO)	1263

### **14.2. UN proper shipping name**

Proper Shipping Name PAINT RELATED MATERIAL (WHITE SPIRIT)

### **14.3. Transport hazard class(es)**

ADR/RID/ADN Class	3
ADR/RID/ADN Class	Class 3: Flammable liquids.
ADR Label No.	3
IMDG Class	3
ICAO Class/Division	3
Transport Labels	

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## 14.4. Packing group

ADR/RID/ADN Packing group	III
IMDG Packing group	III
ICAO Packing group	III

## 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant



## 14.6. Special precautions for user

EMS	F-E, S-E
Emergency Action Code	3Y
Hazard No. (ADR)	30

## 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

## SECTION 15: REGULATORY INFORMATION

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

#### Environmental Listing

The surfactants contained in this product comply with the biodegradability criteria laid down in EC No 648/2004 Articles 4 and 9 on detergents. Data to support this assertion is held at the disposal of the competent authorities of the Member States and will be made available to them on their request.

#### Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

#### Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply.

#### Guidance Notes

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

#### National Regulations

Users of this product are reminded of their duties under the current Control of Substances Hazardous to Health Regulations and a suitable and sufficient assessment of all the risk should be undertaken before using this product. The guidelines given in the HSE publication COSHH ESSENTIALS - Easy Steps To Control Chemicals gives sound advice for deciding safe working control measures.

### 15.2. Chemical Safety Assessment

A chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

# DOUGLAS BRUSH CLEANER

## General information

The European Inventory of Existing Commercial Substances (EINECS) descriptions and numbers have been used historically to identify chemical substances. EINECS descriptions exist for a number of hydrocarbon substances derived from petroleum refining and chemical conversion. In the past this substances was identified by CAS 64742-82-1 but this description was overly broad as solvents have narrower hydrocarbon ranges. different classifications and different processing. A more focused and narrow definition was therefore required. REACH requires a clear and logical substance description and substance identification is a key component in registration. In order to facilitate appropriate registration of hydrocarbon solvents the Hydrocarbon Solvents Producers Association (HSPA) has conducted an in-depth assessment of hydrocarbon solvents in order to better characterize its substances and adopt a consistent substance identification system. This means that although the product has not changed (just how is described) there may be some difference as to what is displayed on the product labels as they were compiled using the old system.

## Training Advice

The information on directions for use can be found on the product label. It is important to ensure that anyone using this product in the workplace has been adequately trained and in particular: The use of personal protective equipment. methods of cleaning up and disposal of waste. The basic first aid arrangements.

**Revision Date** 05/08/2014

**Revision** 9

**Supersedes date** 16/08/2013

**Safety Data Sheet Status** Approved.

## Risk Phrases In Full

R10 Flammable.  
R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.  
R65 Harmful: may cause lung damage if swallowed.  
R38 Irritating to skin.  
NC Not classified.  
R66 Repeated exposure may cause skin dryness or cracking.  
R41 Risk of serious damage to eyes.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
R67 Vapours may cause drowsiness and dizziness.

## Hazard Statements In Full

H372 Causes damage to organs <<Organs>> through prolonged or repeated exposure if inhaled.  
H318 Causes serious eye damage.  
H315 Causes skin irritation.  
H226 Flammable liquid and vapour.  
H304 May be fatal if swallowed and enters airways.  
H336 May cause drowsiness or dizziness.  
EUH066 Repeated exposure may cause skin dryness or cracking.  
H411 Toxic to aquatic life with long lasting effects.

## Disclaimer

The information contained in this data sheet is provided in accordance with the requirements of the Regulation (EC) No 1907/2006 (REACH) and Regulation (EC) No 1272/2008 (CLP) The product should not be used for purposes other than those shown in Section 1.2. As the specific conditions of use are outside the suppliers control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. The information contained in this safety data sheet is based on the present knowledge and the current EC and UK Legislation. It provides guidance on health, safety and environmental aspects of the product and should not be taken as a product specification.