



SAFETY DATA SHEET

ARCTIC SCREENWASH CONCENTRATED

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

1.1. Product identifier

Product name ARTIC SCREENWASH (CONCENTRATED)

Product No. G61910

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

Identified uses All purpose automotive windscreen cleaner

Uses advised against This product is not recommended for any industrial, professional or consumer use other than the identified uses stated above.

1.3. Details of the supplier of the safety data sheet

Supplier Force Products Limited
Stock House
Seymour Road
Nuneaton
Warwickshire
CV11 4LB

Telephone +44 (0)24 76 322130
Facsimile +44 (0)24 76 322151
E Mail sales@forceproducts.co.uk

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards
Human health
Environment

Flam. Liq. 3 - H226

Acute Tox. 3 - H301; Acute Tox. 3 - H311; Acute Tox. 2 - H330; STOT SE 1 - H370

Not classified.

Classification (1999/45/EEC)

T; R23/24/25, R39/23/24/25, R10.

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

2.2. Label elements

Contains METHANOL

Detergent Labelling:

< 5%

perfumes

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

ARCTIC SCREENWASH CONCENTRATED



Signal Word

Danger

Hazard Statements

H226 Flammable liquid and vapour.
 H301 Toxic if swallowed.
 H311 Toxic in contact with skin.
 H330 Fatal if inhaled.
 H370 Causes damage to organs .

Precautionary Statements

P240 Ground/bond container and receiving equipment.
 P243 Take precautionary measures against static discharge.
 P271 Use only outdoors or in a well-ventilated area.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P307+311 IF exposed: Call a POISON CENTER or doctor/physician.
 P310 Immediately call a POISON CENTER or doctor/physician.
 P405 Store locked up.
 P501 Dispose of contents/container to ...

Supplementary Precautionary Statements

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
 P233 Keep container tightly closed.
 P241 Use explosion-proof electrical equipment.
 P242 Use only non-sparking tools.
 P270 Do not eat, drink or smoke when using this product.
 P284 Wear respiratory protection.
 P260 Do not breathe vapour/spray.
 P264 Wash contaminated skin thoroughly after handling.
 P320 Specific treatment is urgent (see medical advice on this label).
 P321 Specific treatment (see medical advice on this label).
 P370+378 In case of fire: Use foam, carbon dioxide, dry powder or water fog for extinction.
 P302+352 IF ON SKIN: Wash with plenty of soap and water.
 P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P312 Call a POISON CENTER or doctor/physician if you feel unwell.
 P322 Specific measures (see ... on this label).
 P330 Rinse mouth.
 P361 Remove all contaminated clothing.
 P363 Wash contaminated clothing before reuse.
 P403+233 Store in a well-ventilated place. Keep container tightly closed.
 P403+235 Store in a well-ventilated place. Keep cool.

2.3. Other hazards

This product does not contain any PBT or vPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.2. Mixtures**

ARCTIC SCREENWASH CONCENTRATED

METHANOL		10-30%
CAS-No.: 67-56-1	EC No.: 200-659-6	
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 STOT SE 1 - H370	Classification (67/548/EEC) F;R11 T;R23/24/25,R39/23/24/25	
PROPAN-2-OL		< 1%
CAS-No.: 67-63-0	EC No.: 200-661-7	
Classification (EC 1272/2008) Flam. Liq. 2 - H225 Eye Irrit. 2 - H319 STOT SE 3 - H336	Classification (67/548/EEC) F;R11 Xi;R36 R67	

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

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information

General first aid, rest, warmth and fresh air.

Do not give victim anything to drink if they are unconscious.

Get medical attention if any discomfort continues.

Inhalation

Remove victim immediately from source of exposure.

NOTE! Keep affected person away from heat, sparks and flames!

Provide rest, warmth and fresh air.

Get medical attention if any discomfort continues.

When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.

Ingestion

DO NOT INDUCE VOMITING!

Rinse mouth thoroughly.

Provide rest, warmth and fresh air.

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS!

Get medical attention immediately!

Skin contact

Remove affected person from source of contamination.

Immediately remove contaminated clothing.

Wash skin thoroughly with soap and water.

Get medical attention promptly if symptoms occur after washing.

Eye contact

Remove victim immediately from source of exposure.

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 and get medical attention.

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

General information

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

ARTIC SCREENWASH CONCENTRATED**Inhalation**

This is unlikely to occur but symptoms similar to those of ingestion may develop. In case of overexposure, organic solvents may depress the central nervous system causing dizziness and intoxication, and at very high concentrations unconsciousness and death.

Ingestion

Ingestion may result in unconsciousness, blindness and death.

Skin contact

Skin irritation.

Eye contact

May cause blurred vision and serious eye damage.

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

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

SECTION 5: FIREFIGHTING MEASURES**5.1. Extinguishing media****Extinguishing media**

Use fire-extinguishing media appropriate for surrounding materials.

Fire can be extinguished using:

Alcohol resistant foam.

Carbon dioxide (CO₂).

Water spray, fog or mist.

Dry chemicals, sand, dolomite etc.

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**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

Unusual Fire & Explosion Hazards

May explode when heated or when exposed to flames or sparks.

Solvent vapours may form explosive mixtures with air.

Vapours are heavier than air and may spread near ground to sources of ignition.

May travel considerable distance to source of ignition and flash back.

May form explosive or toxic mixtures with air.

Vapour explosion and poison hazard indoors, outdoors and in sewers.

Specific hazards

Fire creates:

Toxic gases/vapours/fumes of:

Carbon monoxide (CO).

Carbon dioxide (CO₂).

5.3. Advice for firefighters**Special Fire Fighting Procedures**

Cool containers exposed to flames with water until well after the fire is out.

Avoid breathing fire vapours.

Keep run-off water out of sewers and water sources. Dike for water control.

Protective equipment for fire-fighters

Wear full protective clothing.

Use air-supplied respirator during fire fighting.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

For personal protection, see section 8.

Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.

Wear protective gloves and, in case of splashes, goggles/face shield too.

Avoid inhalation of vapours and contact with skin and eyes.

ARCTIC SCREENWASH CONCENTRATED

Provide adequate ventilation.

In case of spills, beware of slippery floors and surfaces.

Take precautionary measures against static discharges.

Do not smoke, use open fire or other sources of ignition.

6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground.

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

Ensure that waste and contaminated materials are collected and removed from the work area as soon as possible in a suitably labelled container.

6.3. Methods and material for containment and cleaning up

Clean-up personnel should use respiratory and/or liquid contact protection.

Stop leak if possible without risk. DO NOT touch spilled material!

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate.

Provide ventilation and confine spill. Do not allow runoff to sewer.

Cover large spillage with alcohol-resistant foam. Dam and absorb spillage with sand, earth or other non-combustible material.

Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

Flush area clean with lots of water. Be aware of potential for surfaces to become slippery.

6.4. Reference to other sections

For personal protection, see section 8. 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 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.

Eye wash facilities and emergency shower must be available when handling this product.

During application and drying, solvent vapours will be emitted.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place.

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.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
METHANOL	WEL	200 ppm	266 mg/m3	250 ppm	333 mg/m3	Sk
PROPAN-2-OL	WEL	400 ppm	999 mg/m3	500 ppm	1250 mg/m3	

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through skin.

ARCTIC SCREENWASH CONCENTRATED

METHANOL (CAS: 67-56-1)

DNEL				
Industry	Dermal	Short Term	Systemic Effects	40 mg/kg/day
Industry	Dermal	Long Term	Systemic Effects	40 mg/kg/day
Industry	Inhalation.	Short Term	Systemic Effects	260 mg/m3
Industry	Inhalation.	Long Term	Systemic Effects	260 mg/m3
Consumer	Oral	Short Term	Systemic Effects	8 mg/kg/day
Consumer	Oral	Long Term	Systemic Effects	8 mg/kg/day
Consumer	Dermal	Short Term	Systemic Effects	8 mg/kg/day
Consumer	Dermal	Long Term	Systemic Effects	8 mg/kg/day
Consumer	Inhalation.	Short Term	Systemic Effects	50 mg/m3

PNEC

Freshwater	154	mg/l
Marinewater	15.4	mg/l
Soil	23.5	mg/kg
STP	100	mg/l

PROPAN-2-OL (CAS: 67-63-0)

DNEL				
Industry	Inhalation.	Long Term	Systemic Effects	500 mg/m3
Consumer	Dermal	Long Term	Systemic Effects	319 mg/kg/day
Consumer	Oral	Long Term	Systemic Effects	26 mg/kg/day
Consumer	Inhalation.	Long Term	Systemic Effects	89 mg/m3
PNEC				
Freshwater	140.9	mg/l		
Marinewater	140.9	mg/l		
Intermittent release	140.9	mg/l		
Sediment (Freshwater)	552	mg/kg		
Sediment (Marinewater)	552	mg/kg		
STP	2251	mg/l		
Soil	28	mg/kg		

8.2. Exposure controls

Protective equipment



Process conditions

Use engineering controls to reduce air contamination to permissible exposure level.

Provide eyewash station.

Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory equipment

No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit.

In case of inadequate ventilation or when the product is heated, use suitable respiratory equipment with gas filter (type A2).

Hand protection

Protective gloves and goggles must be used if there is a risk of direct contact or splash.

In case of intensive contact, wear protective gloves (EN 374). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. protective gloves shall be replaced immediately when physically damaged or worn.

Appropriate Material - Butyl, Material Thickness - 0.6 to 0.8mm, Breakthrough Time - 8Hrs

Eye protection

Wear splash-proof eye goggles to prevent any possibility of eye contact.

Contact lenses should not be worn when working with this chemical!

Other Protection

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

Provide eyewash station and safety shower.

Hygiene measures

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

Wash promptly with soap & water if skin becomes contaminated.

Promptly remove any clothing that becomes contaminated.

When using do not eat, drink or smoke.

ARCTIC SCREENWASH CONCENTRATED

Skin protection

Wear apron or protective clothing in case of splashes.

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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties**

Appearance	Coloured liquid.
Colour	Blue.
Odour	Odour of alcohol. Perfume.
Solubility	Completely soluble in water Very soluble in: Alcohol
Initial boiling point and boiling range (°C)	Approximately 94°C 760 mm Hg
Melting point (°C)	Below minus 20°C
Relative density	0.955-0.970 g/ml @20°C
pH-Value, Conc. Solution	6.5- 8.5
Flash point (°C)	36°C CC (Closed cup).
Flammability Limit - Lower(%)	6.0 % v/v METHANOL IN AIR
Flammability Limit - Upper(%)	36.5 % v/v METHANOL IN AIR
Partition Coefficient (N-Octanol/Water)	
Not available.	
Comments	Information given concerns the concentrated solution.

9.2. Other information

Volatile Organic Compound (VOC) 240.0 g/litre

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.

10.3. Possibility of hazardous reactions

Not applicable.

Hazardous Polymerisation

Not relevant

Will not polymerise.

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition.

Avoid contact with strong oxidisers.

10.5. Incompatible materials

Materials To Avoid

Strong oxidising substances.

Strong alkalis.

10.6. Hazardous decomposition products

Fire creates:

Acrid smoke/fumes of:

Carbon monoxide (CO).

ARCTIC SCREENWASH CONCENTRATED

Carbon dioxide (CO2).

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects**

Toxic Dose 1 - LD 50

5628 mg/kg (oral rat)

Toxic Conc. - LC 50

83 mg/l/4h (inh-rat)

Toxicological information

Toxicity data shown above is for pure Methanol

Inhalation

Toxic by inhalation. Vapours may irritate throat and respiratory system and cause headache, dizziness and dullness. In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea.

Ingestion

Toxic: danger of very serious irreversible effects if swallowed. May cause nausea, headache, dizziness and intoxication. Ingestion of large amounts may cause headaches, nausea, vomiting, abdominal pain, drowsiness and unconsciousness. Methanol can cause blindness when ingested.

Skin contact

Toxic through skin absorption (percutaneous). Acts as a defatting agent on skin. May cause cracking of skin, and eczema.

Eye contact

May cause temporary eye irritation.

Route of entry

Inhalation. Ingestion. Skin absorption.

Target Organs

Central nervous system Gastro-intestinal tract Kidneys Liver Respiratory system, lungs Blood

Medical Symptoms

If swallowed, especially in large quantities: Nausea, vomiting. Severe abdominal pain. Central nervous system depression. Blindness. Unconsciousness, possibly death.

Specific effects

Risk of long-term effects is considered to be minimal from exposure to concentrations below the level of OEL. Prolonged or frequent inhalation of vapours in high concentrations may cause permanent damage to the nervous system, including the brain.

Toxicological information on ingredients.

ARCTIC SCREENWASH CONCENTRATED

METHANOL (CAS: 67-56-1)Acute toxicity:

Acute Toxicity (Oral LD50)

> 1187 mg/kg Rat

Acute Toxicity (Dermal LD50)

~ 17100 mg/kg Rabbit

Acute Toxicity (Inhalation LC50)

128.2 mg/l (vapours) Rat 4 hours

Skin Corrosion/Irritation:

Not irritating.

Serious eye damage/irritation:

Not Irritating.

Respiratory or skin sensitisation:

Respiratory sensitisation

Guinea Pig

Not sensitising.

Not Sensitising.

Germ cell mutagenicity:

Negative.

This substance has no evidence of mutagenic properties.

Carcinogenicity:

This substance has no evidence of carcinogenic properties.

Reproductive Toxicity:

Reproductive Toxicity - Fertility

Fertility: NOAEC 1.33 mg/l Rat

Conclusive data but not sufficient for classification.

Specific target organ toxicity - single exposure:

STOT - Single exposure

LOAEL 2000 mg/kg Oral Rat

Target Organs

Eyes

Specific target organ toxicity - repeated exposure:

STOT - Repeated exposure

NOAEC 0.13 mg/l/6hr/day Inhalation. Rat

Target Organs

Heart & cardiovascular system Liver Brain

ARCTIC SCREENWASH CONCENTRATED

PROPAN-2-OL (CAS: 67-63-0)Acute toxicity:

Acute Toxicity (Oral LD50)

~ 5840 mg/kg Rat

Acute Toxicity (Dermal LD50)

~ 16.4 mg/kg Rabbit

Acute Toxicity (Inhalation LC50)

> 10000 ppmV (gas) Rat 4 hours

Skin Corrosion/Irritation:

Not irritating.

Aspiration hazard:

Inhalation

Drowsiness, dizziness, disorientation, vertigo.

Ingestion

No specific health warnings noted.

Skin contact

No specific health warnings noted.

Eye contact

Irritating to eyes.

Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause bronchopneumonia or pulmonary oedema.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1. Toxicity

Acute Fish Toxicity

Not considered toxic to fish.

Ecological information on ingredients.METHANOL (CAS: 67-56-1)

Acute Toxicity - Fish

LC50 96 hours 15400 mg/l *Lepomis macrochirus* (Bluegill)

Acute Toxicity - Aquatic Invertebrates

EC50 48 hours > 10000 mg/l *Daphnia magna*

Acute Toxicity - Aquatic Plants

EC50 96 hours ~ 22000 mg/l

PROPAN-2-OL (CAS: 67-63-0)

Acute Toxicity - Fish

LC50 96 hours ~ 9640 mg/l *Pimephales promelas* (Fat-head Minnow)

Acute Toxicity - Aquatic Invertebrates

EC50 > 1000 mg/l *Daphnia magna*

Acute Toxicity - Aquatic Plants

EC50 72 hours > 1000 mg/l *Scenedesmus subspicatus*

Acute Toxicity - Microorganisms

EC50 > 1000 mg/l Activated sludge

12.2. Persistence and degradability

Degradability

The product is biodegradable, but it must not be discharged into drains without permission from the authorities.

ARCTIC SCREENWASH CONCENTRATED

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Ecological information on ingredients.METHANOL (CAS: 67-56-1)

The substance is readily biodegradable.

PROPAN-2-OL (CAS: 67-63-0)

Degradability

The product is expected to be biodegradable.

Biodegradation

Degradation (95%%) 21 days

12.3. Bioaccumulative potential

Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

Partition coefficient

Not available.

Ecological information on ingredients.METHANOL (CAS: 67-56-1)

Bioaccumulative potential

Not potentially bioaccumulative

Partition coefficient

~ 0.77

PROPAN-2-OL (CAS: 67-63-0)

Bioaccumulative potential

Will not bio-accumulate.

Partition coefficient

log Pow 0.05

12.4. Mobility in soil

Mobility:

The product is soluble in water.

Ecological information on ingredients.METHANOL (CAS: 67-56-1)

Mobility:

The product is soluble in water.

The product contains volatile organic compounds (VOC) which will evaporate easily from all surfaces.

PROPAN-2-OL (CAS: 67-63-0)

Mobility:

The product is soluble in water.

Adsorption/Desorption Coefficient

Soil Koc ~ 1.1

Henry's Law Constant

0.00000338 atm m³/mol 25°C

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

Ecological information on ingredients.METHANOL (CAS: 67-56-1)

Not Classified as PBT/vPvB by current EU criteria.

PROPAN-2-OL (CAS: 67-63-0)

Not Classified as PBT/vPvB by current EU criteria.

ARCTIC SCREENWASH CONCENTRATED

12.6. Other adverse effects

Not applicable.

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.

The packaging must be empty (drop-free, when inverted).

13.1. Waste treatment methods

Absorb in vermiculite or dry sand and dispose of at a licenced hazardous waste collection point.

Make sure containers are empty before discarding (explosion risk).

SECTION 14: TRANSPORT INFORMATION**14.1. UN number**

UN No. (ADR/RID/ADN)	1992
UN No. (IMDG)	1992
UN No. (ICAO)	1992

14.2. UN proper shipping name

Proper Shipping Name FLAMMABLE LIQUID, TOXIC, N.O.S. (METHANOL, PROPAN-2-OL)

14.3. Transport hazard class(es)

ADR/RID/ADN Class	3
ADR/RID/ADN Class	Class 3: Flammable liquids.
ADR/RID/ADN Subsidiary Risk	6.1
ADR Label No.	3 & 6.1
IMDG Class	3
IMDG Subsidiary risk	6.1
ICAO Class/Division	3
ICAO Subsidiary risk	6.1

Transport Labels

**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
No.

ARCTIC SCREENWASH CONCENTRATED

14.6. Special precautions for user

EMS	F-E, S-D
Emergency Action Code	•3W
Hazard No. (ADR)	36
Tunnel Restriction Code	(D/E)

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

Not applicable.

SECTION 15: REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Environmental Listing

Control of Pollution (Special Waste Regulations) Act 1980.

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).

EU Legislation

Dangerous Substance Directive 67/548/EEC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Comments

NOTE: Lines within the margin indicate significant changes from the previous revision.

Issued By HS&E Manager.

Revision 1

Safety Data Sheet Status Approved.

Date DEC 2012

Risk Phrases In Full

R10 Flammable.

R11 Highly flammable

R36 Irritating to eyes.

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.

R67 Vapours may cause drowsiness and dizziness.

Hazard Statements In Full

H370 Causes damage to organs <<Organs>>.

H319 Causes serious eye irritation.

H330 Fatal if inhaled.

H226 Flammable liquid and vapour.

H225 Highly flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

H331 Toxic if inhaled.

H301 Toxic if swallowed.

H311 Toxic in contact with skin.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.