



SAFETY DATA SHEET

DAMPSTART

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY:

PRODUCT NAME: DAMPSTART

PART No.: AQ9R

IN-HOUSE No.: BBAQ9R

SUPPLIER: Holt Lloyd
Oakhurst Drive
Cheadle
Manchester
Tel: +44 (0)161 491 7391
Fax: +44 (0)161 491 7399

EMERGENCY TELEPHONES: FR - ORFILA Tél: 01.45.42.59.59
B - Centre Antipoisons Tél: 070/245.245
UK - Out of office hours Tel: 020 7358 9167

2. COMPOSITION/INFORMATION ON INGREDIENTS:

NAME	EINECS Nr.:	CLASSIFICATION	CONTENT
CAS No.: BUTANE 106-97-8	203-448-7	Fx R-12	10-30 %
ISOBUTANE 75-28-5	200-857-2	Fx R-12	5-10 %
PROPANE 74-98-6	200-827-9	Fx R-12	10-30 %
2-BUTOXYETHANOL 111-76-2	203-905-0	Xn R-20/21/22, 36/38	1-5 %
PROPAN-2-OL 67-63-0	200-661-7	Xi ,F R-11, 36, 67	1-5 %
XYLENE-ortho 95-47-6	202-422-2	Xn R-10, 20/21, 38	30-60 %

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

3. HAZARDS IDENTIFICATION:

Extremely flammable. Harmful by inhalation and in contact with skin. Irritating to skin.

4. FIRST AID MEASURES:

INHALATION:	NOTE! Keep affected person away from heat, sparks and flames! Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen. Keep the affected person warm and at rest. Get prompt medical attention.
INGESTION:	Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Provide rest, warmth and fresh air. CAUTION! Some medical advisors recommend against induction of vomiting!
SKIN:	Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.
EYES:	Spray in the eyes: 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. Get medical attention if any discomfort continues.

5. FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA:	Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.
SPECIAL FIRE FIGHTING PROCEDURES:	Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.
UNUSUAL FIRE & EXPLOSION HAZARDS:	Aerosol cans may explode in fires.

6. ACCIDENTAL RELEASE MEASURES:

SPILL CLEANUP METHODS:	Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Let evaporate. Keep out of confined spaces because of explosion risk. If leakage cannot be stopped, evacuate area. Do not contaminate water sources or sewer.
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7. HANDLING AND STORAGE:

USAGE PRECAUTIONS:	Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.
STORAGE PRECAUTIONS:	Aerosol cans: Must not be exposed for direct sunlight or temperatures above 50°C.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
BUTANE	106-97-8	OES	600 ppm	750 ppm
PROPANE	74-98-6		Asphyxiating	Asphyxiating
2-BUTOXYETHANOL	111-76-2	OES	25 ppm(Sk)	50 ppm(Sk)
PROPAN-2-OL	67-63-0	OES	400 ppm	500 ppm

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

PROTECTIVE EQUIPMENT:



VENTILATION: Provide adequate general and local exhaust ventilation.

RESPIRATORS:	No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).
PROTECTIVE GLOVES:	Use protective gloves. Blue Nitrile, powder-free. Category 3.
EYE PROTECTION:	Use eye protection.
OTHER PROTECTION:	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
HYGIENIC WORK PRACTICES:	DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. No eating or drinking while working with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE:	Aerosol. Liquid.
COLOUR:	Colourless.
ODOUR/TASTE:	Organic solvents.
SOLUBILITY DESCRIPTION:	Insoluble in water.
FLAMMABILITY LIMIT - LOWER(%):	0.8
FLAMMABILITY LIMIT - UPPER(%):	9.0

10. STABILITY AND REACTIVITY:

STABILITY:	Normally stable.
CONDITIONS TO AVOID:	Avoid heat, flames and other sources of ignition. Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids.
HAZARDOUS DECOMP. PRODUCTS:	Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO ₂).

11. TOXICOLOGICAL INFORMATION:

HEALTH HAZARDS, GENERAL:	Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.
INHALATION:	Gas or vapour in high concentrations may irritate respiratory system. Gas or vapour displaces oxygen available for breathing (asphyxiant). Harmful by inhalation.
INGESTION:	May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach.
SKIN:	Irritating to skin. Prolonged or repeated exposure may cause severe irritation. Harmful in contact with skin.
EYES:	Spray and vapour in the eyes may cause irritation and smarting. May cause severe irritation to eyes.
ROUTE OF ENTRY:	Inhalation. Skin and/or eye contact.

12. ECOLOGICAL INFORMATION:

ECOLOGICAL INFORMATION:	When used and disposed of as intended, no adverse environmental effects are foreseen
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13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS: Empty containers must not be burned because of explosion hazard. Dispose of in accordance with Local Authority requirements.

14. TRANSPORT INFORMATION:

GENERAL: LIMITED QUANTITIES derogation applies to volumes under 1Lt

UN No. ROAD: 1950

UK ROAD TRANSPORT CLASS: 2.1

ADR CLASS No.: 2.1

ADR CLASS: Class 2: Gases; Compressed, liquefied or dissolved under pressure.

ADR ITEM No.: 5F

ADR MARGINAL: 2201

PROPER SHIPPING NAME I: AEROSOLS

UN No. SEA: 1950

EmS No.: 2-13

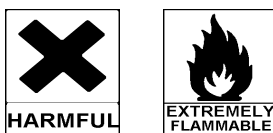
MARINE POLLUTANT: No.

UN No., AIR: 1950

ICAO CLASS: 2.1

15. REGULATORY INFORMATION:

LABEL FOR SUPPLY:



RISK PHRASES: R-12 Extremely flammable.
R-20/21 Harmful by inhalation and in contact with skin.
R-38 Irritating to skin.

SAFETY PHRASES: S-2 Keep out of reach of children.
S-16 Keep away from sources of ignition - No Smoking.
S-24 Avoid contact with skin.
S-51 Use only in well ventilated areas.
S-36/37 Wear suitable protective clothing and gloves.
S-23 Do not breathe gas/fumes/vapour/spray.

UK REGULATORY REFERENCES: The Control of Substances Hazardous to Health Regulations 1988. Chemicals (Hazard Information & Packaging) Regulations 1993.

ENVIRONMENTAL LISTING: Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste Regulations) Act 1980.

EU DIRECTIVES: System of specific information relating to Dangerous Preparations. 91\155.

APPROVED CODE OF PRACTICE: Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES: Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

16. OTHER INFORMATION:

INFORMATION SOURCES: Croner's: Dangerous Substances.

ISSUED BY: Colin Sawmy

REV. No./REPL. SDS GENERATED: 2/16-8-01

SDS No.: 10100

SAFETY DATA SHEET STATUS: Approved.

DATE: 04/02/03

DISCLAIMER: Any risk phrases shown in this section refer to the ingredients in Section 2: NOT to the preparation.

PRINTING DATE: 2003-03-13

R-PHRASES (Full Text): R-10 Flammable. R-20/21 Harmful by inhalation and in contact with skin. R-38 Irritating to skin. R-12 Extremely flammable. R-20/21/22 Harmful by inhalation, in contact with skin and if swallowed. R-36/38 Irritating to eyes and skin. R-11 Highly flammable. R-36 Irritating to eyes. R-67 Vapours may cause drowsiness and dizziness.