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MONUMENT TOOLS LTD		2020 GAS LEAK DETECTOR SPRAY
HEALTH & SAFETY - COSHH		Issue number : 1
Date : 26 July 2007 (09:57:24)		Page : 1 of 3
Prepared by : Safety Unit		Approved by : Managing Director

MATERIAL SAFETY DATA SHEET

Product Code :	2020
Product Description :	Gas Leak Detector Spray
AREAS OF USE:	Detecting gas leaks
CHEMICAL CONSTITUENTS:	De-ionised water, Surfactants, Ammonium Hydroxide(Ammonia solution), Dimethyl Ether

HEALTH HAZARD DATA

EYE CONTACT:	Contact may cause mild irritation; Contact lenses should be removed. Irrigate copiously with clean fresh water for at least ten minutes holding eyelids apart, and seek medical advice.
SKIN CONTACT:	Prolonged contact may cause dryness or irritation. Remove contaminated clothing. Wash skin thoroughly with soap and water or use proprietary skin cleaner. DO NOT use solvents or thinners. If in doubt seek medical advice.
INHALATION:	High levels of vapour / mist may cause dizziness and can cause irritation of the respiratory tract; Remove to fresh air, keep the patient warm and at rest. If breathing is irregular or has stopped, administer artificial respiration. Give nothing by mouth. If unconscious, place in the recovery position and seek medical advice.
INGESTION:	Accidental ingestion is an unlikely event; If accidentally swallowed, obtain immediate medical attention. Keep at rest. DO NOT induce vomiting.

FIRE HAZARD DATA

EXTINGUISHING MEDIA:	Alcohol resistant foam; CO2; powder; water spray / mist. DO NOT use water jet
SPECIAL PROCEDURES:	Fire exposed containers should be sprayed with water to lessen risk of explosion
UNUSUAL HAZARDS:	Fire will produce dense black smoke containing combustion products which may be a health hazard. Appropriate self-contained breathing apparatus may be required. Run off from fire must not enter drains

ACCIDENTAL RELEASE

LEAKS & SPILLAGES:	Contain & collect spillages with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in a suitable container for disposal in accordance with waste regulations(see Disposal Considerations). Do not allow to enter drains or water courses. Clean preferably with a detergent; avoid the use of solvents. If the product enters drains or sewers, the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the National Rivers authority should be contacted.
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HANDLING & STORAGE

HANDLING:	Avoid inhalation of vapour and spray mist. Good housekeeping standards and regular safe removal of waste materials will minimise risk of spontaneous combustion and other fire hazards.
STORAGE:	Store below 50°C in a dry, well-ventilated place away from sources of heat, ignition and direct sunlight. Observe the label precautions. Store separately from strong oxidising agents and strongly alkaline and strongly acidic materials.

EXPOSURE CONTROLS

INGREDIENT NAME OES / MEL 8hr TWA 15min STEL	
Ammonium Hydroxide OES 25ppm 35ppm	Dimethyl Ether OES 1000ppm (sup)
ENGINEERING MEASURES:	No specific engineering measures are necessary.
RESPIRATORY PROTECTION:	Unlikely to be necessary

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HAND PROTECTIN:	Use of protective gloves is recommended
EYE PROTECTION:	Eye protection designed to protect against liquid splashed should be worn
SKIN PROTECTION:	Cotton or cotton/synthetic overalls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.

PHYSICAL & CHEMICAL PROPERTIES

PHYSICAL STATE:	Aerosol
APPEARANCE:	Colourless
ODOUR:	Slight ammoniacal
pH:	10.0
BOILING POINT:	100°C
MELTING POINT:	
FLASH POINT:	N/A
FLAMMABILITY:	LEL 3.0 UEL 18.6 (% volume in air @ 25°C)
AUTOFLAMMABILITY:	>350°C
EXPLOSIVE PROP:	None
OXIDISING PROP:	None
CAN PRESSURE:	2.41 bar
RELATIVE DENSITY:	N/A
VOC content:	18g / 100ml
SOLUBILITY – WATER:	Soluble
SOLUBILITY – SOLVENT:	Soluble in alcohol

STABILITY AND REACTIVITY

STABILITY:	Stable
CONDITIONS TO AVOID:	Naked flames, red hot surfaces, other high temperature sources that may induce thermal decomposition
INCOMPATIBILITY:	Oxidising agents, strong acids, strong alkalis
HAZARDOUS DECOMPOSITION PRODUCTS:	In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced

TOXICOLOGICAL INFORMATION

AMMONIUM HYDROXIDE:	Ammonia solution LD50 (Animal/oral) = 0.35 g/kg (Rat) – There is not data available on the product itself. This product has a low order of toxicity
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ECOLOGICAL INFORMATION

There is not data available on the product itself. This product has a low order of toxicity

DISPOSAL CONSIDERATIONS

WASTES:	These include emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution Act. Using the information provided in this data sheet, advice should be obtained from the Waste Regulation Authority whether the special waste regulation apply
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TRANSPORT INFORMATION

CCCN:	3402 11 00
UN No.:	1950
IMDG:	9022
CLASS:	9

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ICAO/IATA:	
RID/ADR:	

REGULATORY INFORMATION

RISK PHASES:	None
SAFETY PHRASES:	Keep out of the reach of children. Do not breathe vapour / spray. If swallowed seek medical advice immediately and show this container or label.

OTHER INFORMATION

The information contained in this data sheet is provided in accordance with the requirements of the Chemicals (Hazard information & packaging) Regulations. It does not constitute the user's own assessment or workplace risks as required by other health and safety legislation. The provisions of Health and Safety at work etc. Act and the control of Substances Hazardous to Health Regulations apply to use of this product at work.

Further information and advice can be found in the following publications:

The Control of Substances Hazardous to Health Regulations 1988 (SI 1988:1657)
 The Environmental Protection (Duty of Care) Regulations 1992 (SI 1992:2839)