



MATERIAL SAFETY DATA SHEET LEAK DETECTOR

ISSUE DATE: 03.12

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1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

Product name Leak Detector
Product No. PH020 - 400ml
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2. HAZARDS IDENTIFICATION

Classification 1999/45/EEC Not classified.
Risk Phrases NC Not classified.
Safety Phrases A1 Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
S23 Do not breathe vapour/spray.
S35 This material and its container must be disposed of in a safe way.
S51 Use only in well-ventilated areas.
P13 Safety data sheet available for professional user on request.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterisation

Components No.	CAS No.	EC No.	Approx (%)	Classification (EC 1272/2008)	Classification (67/548/EEC)
CARBON DIOXIDE	124-38-9	204-696-9	1-5%	Not classified.	Not classified.
SODIUM NITRITE	7632-00-0	231-555-9	0-1%	Ox. Sol. 3 - H272 Acute Tox. 3 - H301 Aquatic Acute 1 - H400	O;R8 T;R25 N;R50

4. FIRST AID MEASURES

Eye contact: Irritation of eyes and mucous membranes. Rinse the eye with water immediately. Get medical attention if any discomfort continues.
Skin contact: Wash skin with soap and water. Get medical attention if any discomfort continues.
Inhalation: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion: Due to the physical nature of this material it is unlikely that swallowing will occur. Rinse mouth thoroughly. Get medical attention if any discomfort continues.

5. FIRE-FIGHTING MEASURES

Extinguishing Media This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.
Special Fire Fighting Procedures Cool containers exposed to flames with water until well after the fire is out.
Unusual Fire & Explosion Hazards Aerosol cans may explode in a fire.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions In case of spills, beware of slippery floors and surfaces.
Environmental precautions Do not discharge onto the ground or into water courses.
Clean up Methods Absorb with inert, damp, non-combustible material, then flush area with water.

7. HANDLING AND STORAGE

Handling Precautions Avoid spilling, skin and eye contact.
Storage Precautions Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C. Store at moderate temperatures in dry, well ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs	STEL - 15 Min
CARBON DIOXIDE	OES	5000 ppm	15000 ppm

Protective equipment



Hand protection For prolonged or repeated skin contact use suitable protective gloves. Use protective gloves made of: Rubber, neoprene or PVC.
Eye protection Wear approved chemical safety goggles where eye exposure is reasonably probable.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Aerosol.

10. STABILITY AND REACTIVITY

Reactivity No specific reactivity hazards associated with this product.
Chemical Stability Stable under normal temperature conditions and recommended use.
Possibility of hazardous reactions Not determined.
Hazardous Decomposition Products Fire or high temperatures create: Carbon dioxide (CO₂). Carbon monoxide (CO).
Conditions to Avoid Avoid exposure to high temperatures or direct sunlight.
Materials to Avoid No incompatible groups noted.

11. TOXICOLOGICAL INFORMATION

Eye Irritation of eyes and mucous membranes.
Ingestion Gastrointestinal symptoms, including upset stomach.

12. ECOLOGICAL INFORMATION

Ecotoxicity The product is not expected to be toxic to aquatic organisms.
Acute Toxicity - Fish Not determined.
Degradability There are no data on the degradability of this product.
Bioaccumulative potential No data available on bioaccumulation.
Mobility The product is soluble in water.
Results of PBT and vPvB assessment
Other adverse effects Not determined.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods Dispose of waste and residues in accordance with local authority requirements.



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14. TRANSPORT INFORMATION

UN No. (ADR/RID/ADN) 1950
UN No. (IMDG) 1950
UN No. (ICAO) 1950
Proper Shipping Name AEROSOLS
ADR/RID/ADN Class Class 2.2: Non-flammable, non-toxic gases.
IMDG Class 2
ICAO Class/Division 2
ADR/RID/ADN Packing group 5F
IMDG Packing group 5F
ICAO Packing group 5F
Environmentally Hazardous Substance/Marine Pollutant No.
Tunnel Restriction Code (D)

15. REGULATORY INFORMATION

Statutory Instruments Control of Substances Hazardous to Health.
Guidance Notes Workplace Exposure Limits EH40.
EU Legislation Dangerous Preparations Directive 1999/45/EC.

16. OTHER INFORMATION

Risk Phrases In Full	R8	Contact with combustible material may cause fire.
	NC	Not classified.
	R25	Toxic if swallowed.
	R50	Very toxic to aquatic organisms.
Hazard Statements In Full	H272	May intensify fire; oxidiser.
	H301	Toxic if swallowed.
	H400	Very toxic to aquatic life.

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.