

SAFETY DATA SHEET

DETECTAGAS™

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

PRODUCT NAME: DETECTAGAS
MANUFACTURER: INNOTECH 2000 LTD
UNIT 6, GLENDALE BUSINESS PARK
SANDYCROFT, DEESIDE, FLINTSHIRE CH5 2QP
EMERGENCY TELEPHONES: (01244) 520805 (01244) 533508

2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS NAME Contents	CAS No. Health	Risk	(Class)	(R. No)
CARBON MONOXIDE	630-08-0	<0.2%	T,F+	R23, 48/23,12

3. HAZARDS IDENTIFICATION

Pressurised Container. Carbon Monoxide at concentrations greater than that contained in this product is toxic and can cause danger to the unborn child.

4. FIRST AID MEASURES

GENERAL: Move the exposed person to fresh air at once.

EYES: Promptly wash eyes with lots of water while lifting the eyelids.

SKIN: Not relevant.

INHALATION: Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION: Not relevant.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use any extinguishing media appropriate to surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES: Water may be effective in keeping the fire-exposed containers cool. Warn fire fighters that aerosols are involved.

UNUSUAL FIRE & EXPLOSION HAZARDS: May explode in a fire.

6. ACCIDENTAL RELEASE MEASURES

SPILL CLEANUP METHODS: Allow to evaporate. Ventilate well.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS: Read and follow manufacturer's recommendations.

STORAGE PRECAUTIONS: Store at moderate temperatures in dry, well ventilated area. Protect from sunlight and do not expose to temperatures exceeding 50°C.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENTS NAME	CAS No.	STD (8 hrs)	LT EXP (10 min)	ST EXP
CARBON MONOXIDE	630-08-0	OEL	30 ppm	200 ppm

Note: CARBON MONOXIDE IS LISTED IN EH40/99 as having a Health Guidance Value of 30 ppm, post-shift, in end-tidal breath.

VENTILATION: No specific ventilation requirements noted, except this product must not be used in a confined space without good ventilation. If, following workspace assessment, OEL may be exceeded due to use where natural ventilation is insufficient suitable respirator must be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Aerosol

FLASH POINT: None Non-flammable in air.

10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: Avoid heat, flames or any condition that may cause container to become heated.

11. TOXICOLOGICAL INFORMATION

HEALTH WARNINGS: Vapour from this chemical can be hazardous when inhaled.

ROUTE OF ENTRY: Inhalation.

TARGET ORGANS: Central nervous system. Respiratory system, lungs.

ACUTE AND CHRONIC HEALTH HAZARDS: May cause harm to the unborn child.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS: Due to the small quantities involved and the volatility of the ingredients the contents of this container present low risk to soil or water.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Ensure container is empty and dispose of in accordance with Local Authority regulations. Do not pierce or incinerate even when container is empty.

14. TRANSPORT INFORMATION

This product is packed in accordance with the Limited Quantity Provisions of CDGCP2, ADR and IMDG. These provisions allow transport of aerosols of less than 1 litre packed in cartons of less than 30kg gross weight to be exempt from control providing they are labelled in accordance with the requirements of those regulations to show that they are transported as Limited Quantities. Aerosols not so packed and labelled must show the following:

ROAD (GB)

MARK: Aerosols, UN1950, Class 2.2

LABEL FOR CONVEYANCE: Compressed Gas Symbol.

ROAD (ADR)

MARK: 1950, Aerosols, 2, 5^A, ADR

LABEL FOR CONVEYANCE: Compressed Gas Symbol.

AIR

MARK: Aerosols. Non-flammable, 2.2. UN1950. Compressed Gas Symbol.

SEA

MARK: Aerosols UN1950

SEA TRANSPORT CLASS No.: 2

IMDG Page No.: 2102

Note: If Air Shipment, markings apply even for Limited Quantity shipments and packaging must be to UN standard. Packing instructions Y203 apply. Advice should be taken from the proposed airline as some carriers will not accept aerosols under Limited Quantity Provisions.

15. REGULATORY INFORMATION

LABEL FOR SUPPLY: None required

RISK PHRASES: None required

SAFETY PHRASES: S-2 Keep out of reach of children
S-51 Use only in well ventilated areas
S-23 Do not breathe spray or vapour.

UK REGULATORY REFERENCES

Classification, Packaging and Labelling Regulations 1984
Health and Safety at Work Act 1974

The Control of Substances Hazardous to Health Regulations 1988

H.S.E. EH40/99 Occupational Exposure Limits 1999

The Chemicals (Hazard Information & Packaging for Supply) Regulations 1994

The Chemicals (Hazard Information & Packaging for Supply) (Amendment) Regulations 1996.

16. EC DIRECTIVES

Aerosols Directive 75/324/EEC as amended by 94/1/EEC

Dangerous Preparations Directive 88/379/EEC

Labelling Directive 91/155/EEC as amended by 93/112/EEC.

STATUTORY INSTRUMENTS

The Consumer Protection Act 1987 SI 1140

The Aerosol Dispensers Regulations 1977

The Classification, Packaging and Labelling of Dangerous Substances Regulations 1984 (SI 1244).

The Health and Safety at Work etc. Act 1974.

APPROVED CODE OF PRACTICE

The Control of Substances Hazardous to Health

British Aerosol Manufacturers Code of Practice 7th Ed 1999.

OTHER INFORMATION SOURCES

Material Safety Data Sheet, Misc. Manufacturers.

17. OTHER INFORMATION

The information contained in the Data Sheet is provided in accordance with the Chemicals (Hazard Information & Packaging for Supply) Regulations 1994 (as amended in 1996). It does not constitute the user's own assessment of work place risks as required by other health and safety legislation. The provisions of the Health and Safety at Work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

R61 applies at concentrations above the levels in this container but users who are, or may be pregnant, should take special care when using this product.

As the specific conditions of use of the product are outside the suppliers control the user is responsible for ensuring that the requirements of the relevant legislation are complied with.

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with legal regulations. The information contained herein is based on the current state of our knowledge and is intended to describe products from the point of view of safety requirements and thus should not be construed as guaranteeing specific properties.