

	Document Type:	Safety Data Sheet Conforms to ISO 11014-1
	Title:	INNOVEX™ SENSITIZATION AGENT

1. Identification of the product and Company Identification

Product Name	INNOVEX™ Sensitisation Agent	Manufactured/ supplied by
Product use	Emulsion sensitisation	BME
Synonyms	Gassing agent	A member of Omnia Group (Pty) Ltd
Chemical Formula	Not applicable	P.O. Box 70040
Emergency telephone number	(+27) 011608-3300	Bryanston South Africa 2021 Tel: 27 11 7098791 Fax: 27 11 4633023

2. Composition/information on ingredients

Substance/preparation:

Chemical name*	CAS No	%	Classification
Europe			
Water	7732-18-5	40 – 75%	Not classified
Sodium Nitrite	7632-00-0	25 – 60%	Ox. Sol. 2, H272 Acute Tox. 3 (Oral), H301 Eye Irrit. 2A, H319 Aquatic Acute 1, H400

*See Section 16 for the full text of the R Phrases declared above

3. Hazards identification

OSHA Hazards: Target organ effect, Harmful by ingestion, Irritant

GHS Classification: Acute toxicity, Oral Category 4
 Eye irritation Category 2A
 Acute aquatic toxicity Category 1
 Chronic aquatic toxicity Category 1

Hazard Statements:

H302 Harmful if swallowed.
 H319 Causes serious eye irritation.
 H411 Very toxic to aquatic life with long lasting effects.

See toxicological information (section 11)

4. First aid measures

Inhalation	:	Remove to a well-ventilated area. If breathing difficulties persist – seek medical attention.
Ingestion	:	Rinse mouth with water. If swallowed, do NOT induce vomiting. Seek immediate medical assistance.
Skin contact	:	If skin or hair contact occurs, immediately remove any contaminated clothing and wash skin and hair thoroughly with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.
Eye contact	:	If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre or a doctor, or for at least 15 minutes.
Note to physician	:	No specific treatment, treat symptomatically.
Protection of first-aiders	:	No additional remarks.

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5. Fire-fighting measures

Extinguishing media	
Suitable	: Product is not flammable. Use appropriate media for adjacent fire. Cool unopened containers with water.
Not suitable	: No additional remarks.
Unusual fire/explosion hazards	: If a transport vehicle or surrounding combustible material burns, extinguish.
Special fire fighting procedures	: If a transport vehicle or surrounding combustible material burns, extinguish. If this fire is out of control or has spread to other chemical products (e.g. High Energy Fuel), evacuate persons within 1-2 km radius and allow the fire to burn itself out.
Protection of fire fighters	: Wear overalls, gloves, boots and eye protection as a minimum.

6. Accidental release measures

Personal precautions	: Overalls, gloves, rubber boots and eye protection as a minimum.
Environmental precautions	: Block source of spill and contain spill. Absorb with inert material, earth or soil. Prevent spillage entry into sewers, basements or confined areas, dyke if needed. If spill occurs on roadside, mix with dry earth. Use appropriate tools to collect into drums or suitable containers. Dispose waste using a professional registered waste disposal company.

Note: See section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

Handling	: Wash thoroughly after using. Keep container closed when not in use.
Storage	: Store in PVC or steel tanks. DO NOT store adjacent to any potentially extreme source of heat or accumulation of combustible material. No open flames or smoking allowed in the vicinity. Store separate from any incompatible material.
Packaging materials	: Store in PVC or steel tanks.
Recommended use:	: Store in separate containers/tanks.
Not suitable	: No additional remarks.

8. Exposure controls/Personal protection

Hygiene measures	: Wash hands after handling compounds and before eating, smoking, using ablution facilities and at the end of the day.
Other Recommendations	: Provide eyewash stations and washing facilities accessible to areas of use and handling.

Occupational exposure limits:

Contains no substances with occupational exposure limit values.

Recommended monitoring procedures	: No additional information
Personal protective equipment	
Respiratory system	: No
Skin and body	: Protective clothing to minimise skin contact
Hands	: Chemically resistant gloves
Eyes	: Wear chemical safety glasses or goggles.

9. Physical and chemical properties

Physical state	: Liquid
Colour	: Blue colored liquid
Odor	: Not available
Flash point	: Not flammable
Flammability	: Not flammable
Density	: 1.0 - 1.10 g/ml
Vapour pressure	: Not available
Evaporation rate	: Not available
Solubility - Water	: N/a
Solubility - Solvent	: Not available
Explosive properties	: Non-explosive

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10. Stability and reactivity

Stability	: Stable
Conditions to avoid	: Not available
Hazardous decomposition product	: Nitrogen oxides, sodium oxides.
Incompatible materials	: Acids, powdered metals, ammonia, cyanides, amines, activated carbon.

11. Toxicological information

Eyes	: Irritant
Skin	: Irritant
Inhalation	: Prolonged exposure may cause irritation to the nose and throat
Ingestion	: May cause nausea, vomiting and gastro-intestinal irritation

12. Ecological information

Aquatic toxicity: Toxic to aquatic life.

13. Disposal considerations

Methods of disposal	: Waste must be disposed of in accordance with local environmental control regulations.
Waste classification	: Hazardous waste

14. Transport information

Regulatory information	UN Number	Name and description	Class	Packaging Group	Additional information
ADR/RID Class	1500	OXIDISING LIQUID N.O.S.	5.1	III	Limited quantity
ADN Class	1500	OXIDISING LIQUID N.O.S.	5.1	III	CEFIC Tremcard
IMDG Class	1500	OXIDISING LIQUID N.O.S.	5.1	III	Emergency schedules
IATA-DGR Class	1500	OXIDISING LIQUID N.O.S.	5.1	III	<p>AIR: Recommendation on transport of dangerous goods & the International Civil Aviation Organisations. Technical instructions for the Safe Transport of Dangerous Goods by Air.</p> <p>RAIL: Applicable Hazchem and specific requirements of the relevant transport authority. Both Rail and Road must comply with: Hazardous Substance Act No 15 of 1973 and the OHSAct specifically the Regulations for Hazardous Chemical Substances</p> <p>SEA: As per UN recommendation and the International Maritime Code.</p>

15. Regulatory Information

EU Regulation	
Hazard symbols	:
Indicator of Danger:	
Risk phrases	: R22/R25 – Harmful/Toxic if swallowed
	: R8 - Contact with combustible material may cause fire
	: R50- Toxic to aquatic life
Safety phrases	: S15 – Keep away from heat
	: S17 – Keep away from combustibles
	: S25/25 – Avoid contact with skin and eyes
Product use	: Classification and labeling have been performed according to EU directives 67/548/EEC. 1999/45/EC including amendments and the intended use.

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16. Other information

Training advice

Provide adequate information, instruction and training for operators..

Text of classifications: Appearing in Section 2

O - Oxidising
Xn – Harmful
Xi – Irritant
N – Dangerous for the environment

History

Date of printing	:	30-08-2018
Date of issue	:	30-08-2018
Date of previous issue	:	04-08-2017
Recommended by	:	B Victor – R&D and QA Manager
Authorised by	:	D Mynhardt – Executive Director Innovation Hub

Remarks:

This SDS summarises, at the date of issue, our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle the product in the workplace. As BME cannot control the use and handling of the product, each user must review the SDS in the context of how the user intends to handle and use the product in the workplace.