

# SAFETY DATA SHEET

## NITROX HOT SHOT 500ML

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

**PRODUCT NAME:** NITROX HOT SHOT 500ML

**PART No.:** NHS500

**SUPPLIER:** TETROSYL LIMITED  
BEVIS GREEN WORKS  
WALMERSLEY  
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### 2. COMPOSITION/INFORMATION ON INGREDIENTS

NAME	EINECS Nr.:	CLASSIFICATION	CONTENT
CAS No.: TOLUENE 108-88-3	203-625-9	Xn ,F R-11, 20	1-5 %
C12-C14 t-ALKYL AMINES (+ REACTION PRODUCTS)		T ,C ,N R-22, 23/24, 34, 43, 48/23, 50	0-1 %
METHANOL 67-56-1	200-659-6	T ,F R-11, 23/24/25, 39/23/24/25	60-100 %

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

### 3. HAZARDS IDENTIFICATION

Highly flammable. Toxic by inhalation, in contact with skin and if swallowed. Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.

### 4. FIRST AID MEASURES

**INHALATION:** Move the exposed person to fresh air at once. Get medical attention. Provide rest, warmth and fresh air. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen.

**INGESTION:** DO NOT INDUCE VOMITING! NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Remove victim immediately from source of exposure. Drink plenty of water. Get medical attention immediately! Provide rest, warmth and fresh air.

**SKIN:** Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention immediately.

**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. Get medical attention immediately. Continue to rinse.

## 5. FIRE FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Use extinguishing media appropriate for surrounding fire.

**SPECIAL FIRE FIGHTING PROCEDURES:** Move container from fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out.

**HAZARDOUS COMBUSTION PRODUCTS:** Fire creates: Toxic gases/vapors/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2).

## 6. ACCIDENTAL RELEASE MEASURES

**SPILL CLEANUP METHODS:** Wear necessary protective equipment. Ventilate well. Stop leak if possible without risk. DO NOT touch spilled material. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not let washing down water contaminate ponds or waterways. Wash thoroughly after dealing with a spillage.

## 7. HANDLING AND STORAGE

**USAGE PRECAUTIONS:** Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

**STORAGE PRECAUTIONS:** Keep in cool, dry, ventilated storage and closed containers. Keep in original container.

**STORAGE CRITERIA:** Toxic storage.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME:	CAS No.:	STD	LT EXP 8 Hrs	ST EXP 15 Min
METHANOL	67-56-1	OES	200 ppm(Sk)	250 ppm(Sk)
TOLUENE	108-88-3	OES	50 ppm(Sk)	150 ppm(Sk)

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

**PROTECTIVE EQUIPMENT:**



**VENTILATION:** Provide adequate general and local exhaust ventilation.

**RESPIRATORS:** Respiratory protection must be used if air concentration exceeds acceptable level.

<b>PROTECTIVE GLOVES:</b>	Use protective gloves made of: Butyl rubber. Viton rubber (fluor rubber). or P.T.F.E (Teflon).
<b>EYE PROTECTION:</b>	Wear approved safety goggles.
<b>OTHER PROTECTION:</b>	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
<b>HYGIENIC WORK PRACTICES:</b>	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. Wash promptly with soap & water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. No eating or drinking while working with this material.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	Clear. Liquid.	
<b>COLOUR:</b>	Orange.	
<b>DENSITY/SPECIFIC GRAVITY (g/ml):</b>	0.790 - 0.800	<b>Temperature (°C):</b>
<b>FLASH POINT (°C):</b>	10	<b>Method:</b>

## 10. STABILITY AND REACTIVITY

<b>STABILITY:</b>	Normally stable.
<b>CONDITIONS TO AVOID:</b>	Avoid contact with acids and alkalis. Avoid contact with strong oxidisers. Avoid contact with strong reducing agents.

## 11. TOXICOLOGICAL INFORMATION

<b>INHALATION:</b>	Toxic by inhalation. Prolonged inhalation of high concentrations may damage respiratory system. May cause irritation to the respiratory system. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.
<b>INGESTION:</b>	Toxic if swallowed. Causes burns. May cause discomfort if swallowed. May cause stomach pain or vomiting. Swallowing concentrated chemical may cause severe internal injury.
<b>SKIN:</b>	Toxic in contact with skin. Causes burns. May cause sensitisation by skin contact. Prolonged or repeated contact leads to drying of skin.
<b>EYES:</b>	Causes burns. Contact with concentrated chemical may very rapidly cause severe eye damage, possibly loss of sight.
<b>HEALTH WARNINGS:</b>	Prolonged inhalation of high concentrations may damage respiratory system. Prolonged or repeated exposure may cause severe irritation. The product causes irritation of mucous membranes and may cause abdominal discomfort if swallowed.
<b>MEDICAL CONSIDERATIONS:</b>	Allergies. Skin disorders and allergies. History of smoking.

## 12. ECOLOGICAL INFORMATION

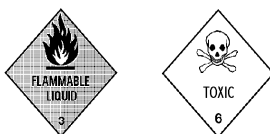
**ECOLOGICAL INFORMATION:** Dangerous for the environment if discharged into watercourses.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHODS:** Dispose of in accordance with Local Authority requirements.

## 14. TRANSPORT INFORMATION

**LABEL FOR CONVEYANCE:**



<b>UN No. ROAD:</b>	2209
<b>UK ROAD TRANSPORT CLASS:</b>	3, 6.1
<b>UK ROAD PACK GR.:</b>	II
<b>ADR CLASS No.:</b>	3, 6.1
<b>PROPER SHIPPING NAME I:</b>	FLAMMABLE LIQUID, TOXIC, NOS
<b>IMDG CLASS:</b>	3, 6.1
<b>IMDG PACK GR.:</b>	II
<b>MARINE POLLUTANT:</b>	N/A.
<b>ICAO CLASS:</b>	3, 6.1
<b>AIR PACK GR.:</b>	II

## 15. REGULATORY INFORMATION

**LABEL FOR SUPPLY:**



<b>RISK PHRASES:</b>	R-11 Highly flammable. R-23/24/25 Toxic by inhalation, in contact with skin and if swallowed. R-39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
<b>SAFETY PHRASES:</b>	S-1/2 Keep locked up and out of the reach of children. S-13 Keep away from food, drink and animal feeding stuffs. S-16 Keep away from sources of ignition - No Smoking. S-20 When using do not eat or drink. S-27 Take off immediately all contaminated clothing. S-29/56 Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. S-36/37 Wear suitable protective clothing and gloves. S-4 Keep away from living quarters. S-45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S-51 Use only in well-ventilated areas. S-9 Keep container in a well-ventilated place.
<b>ENVIRONMENTAL LISTING:</b>	Rivers (Prevention of Pollution) Act 1961. Control of Pollution (Special Waste Regulations) Act 1980.
<b>EU DIRECTIVES:</b>	System of specific information relating to Dangerous Preparations. 91\155.
<b>STATUTORY INSTRUMENTS:</b>	Chemicals (Hazard Information and Packaging) Regulations.
<b>APPROVED CODE OF PRACTICE:</b>	Classification and Labelling of Substances and Preparations Dangerous for Supply.
<b>GUIDANCE NOTES:</b>	Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

## 16. OTHER INFORMATION

<b>INFORMATION SOURCES:</b>	Dangerous Properties of Industrial Materials Report, N.Sax et.al.
<b>ISSUED BY:</b>	PJC
<b>REVISION DATE:</b>	2001-11-30
<b>REV. No./REPL. SDS GENERATED:</b>	1
<b>SDS No.:</b>	200257
<b>R-PHRASES (Full Text):</b>	R-11 Highly flammable. R-23/24/25 Toxic by inhalation, in contact with skin and if swallowed. R-39/23/24/25 Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed. R-20 Harmful by inhalation. R-22 Harmful if swallowed. R-23/24 Toxic by inhalation and in contact with skin. R-34 Causes burns. R-43 May cause sensitisation by skin contact. R-48/23 Toxic: danger of serious damage to health by prolonged exposure through inhalation. R-50 Very toxic to aquatic organisms.
<b>DISCLAIMER:</b>	The information provided in this document has been compiled on the basis of our current knowledge and is believed to be in accordance with the requirements of he

Dangerous Substances Directive, Dangerous Preparations Directive and Safety Data Sheets Directive. The information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any particular conditions or process. The conditions and extent of storage and use of material are outside of our control and within the control of the possessor or use. Consequently it is the responsibility of the possessor or user to satisfy themselves as to the completeness of such information and the suitability of the material for their own particular circumstances, conditions or use.