

**MATERIAL SAFETY DATA SHEET**

Feb 2006

**SECTION 1 - PRODUCT IDENTIFICATION****“OSY” Cold Galvanising Aerosol**

Company:	<b>North Shore Distributors WA</b>
Address:	Unit 1 / 30 Furniss Road Landsdale WA 6065
Telephone Number:	61 8 9409 6644
Emergency telephone number:	61 8 9409 6644
Synonyms:	Cold Galv
Product Type	Organic/Inorganic Blend
UN Number:	1950
Dangerous Goods Class:	2.1
Hazchem Code:	2WE
Poisons Schedule Number:	5

**SECTION 2 – PRODUCT CONTENT**

<b>Chemical Name:</b>	<b>CAS Number:</b>	<b>Proportions:</b>
Butane	106-97-8	< 20%
Dimethyl Ether	115-10-6	< 20%
Ethyl Benzine	100-41-4	< 15%
Propane	96-12-8	< 10%
Toluene	108-88-3	< 20%
Turpentine	8006-64-2	< 10%
Xylene	1310-20-7	< 10%
Zinc Powder		25 - 50%
non hazardous ingredients		To 100%

**SECTION 3 – USE INSTRUCTIONS**

Product Purpose	Anticorrosive coating for metals, cold galvanizing applications
Direction for Use	Refer to product label
Pack Size	450g net

**SECTION 4 – PROPERTIES:**

Appearance	thick grey paint.
Boiling Point/Melting Point	initial - 98 oC
Specific Gravity	1.26
Flashpoint	Concentrate, ~9oC, Propellant, from -104oC.
Flammability Limits	Extremely flammable
Solubility in Water	Miscible with hydrocarbons, insoluble in water

## **MATERIAL SAFETY DATA SHEET “OSY” Cold Galvanising Spray**

### **SECTION 5 – FIRE AND EXPLOSION DATA**

Vapors from this product may travel or be moved by air currents. Ensure pilot lights, sparks, heaters, electrical equipment, static discharges or other ignition sources are at locations distant from product handling point. Vapors may settle in low or confined areas, or travel a long distance to an ignition source and flash back explosively. This material may produce a floating fire hazard in extreme fire conditions. Fire fighters should wear self contained, positive-pressure breathing apparatus and avoid skin contact. Use Water, foam, dry chemical or carbon dioxide fire extinguishing mediums

### **SECTION 6 - HEALTH HAZARD INFORMATION**

#### **Health Effects:**

**Swallowed:** Irritant to mouth, throat and digestive tract. May cause nausea, abdominal pain and dizziness that may lead to unconsciousness.

**Eye:** The liquid is an irritant. Prolonged contact may cause redness.

**Skin:** Product may cause skin irritation. Causes defatting and drying of skin.

**Inhaled:** Major route of exposure. Propellant vapor is heavier than air. Breathing high concentrations of vapor may cause light-headedness, giddiness, shortness of breath, confusion, and may lead to narcosis, cardiac irregularities or unconsciousness.

#### **First Aid**

**Swallowed:** Do not induce vomiting unless directed by a physician. Give a glass of water. Seek medical attention immediately. Avoid giving milk or oils. Avoid giving alcohol.

**Eye:** If substance has come into contact with eyes, immediately hold the eyes open and wash continuously with fresh running water. Ensure irrigation under eyelids by occasionally lifting the upper and lower lids. Skilled personnel should only undertake removal of contact lenses. Transport to hospital or doctor if irritation persists.

**Skin:** If solids or aerosol mists are deposited on the skin: Wash affected areas thoroughly with soap and water if available. Do not use solvents. Seek medical attention if irritation persists.

**Inhaled:** If fumes or combustion products are inhaled: remove to fresh air. Lay patient down. Keep warm and rested. If breathing is shallow or has stopped, ensure clear airway and apply resuscitation. Transport to hospital or doctor.

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**SECTION 7 – PRECAUTIONS FOR HANDLING**

Exposure Standards: None assigned for mixture. Refer to individual constituents.

**WARNING:** Intentional misuse by concentrating & inhaling contents may be fatal.

Engineering Controls: Adequate ventilation is required when using in enclosed areas.

Personal Protection: No special equipment needed when handling small quantities. Respiratory equipment should be worn if usage is in an unventilated area. Keep away from all sources of ignition, flames, hot surfaces, electrical static or friction sparks.

Flammability: Flammable. Isolate from sources of heat, naked flame or sparks. Take precautions against static electricity discharges. Earth and bond all process equipment including tanks and drums. Explosive air/vapour mixture may form, ensure adequate ventilation. Keep away from strong oxidizing materials. Ensure equipment and fittings are flame proofed.

**Safe Handling Information**

Storage Store in original containers in approved flameproof area. Do not store in pits, depressions, basements or areas where vapours may be trapped. No smoking, naked lights, heat or ignition sources. Store in a cool dry well ventilated area. Avoid storage in temperatures above 40C. Take precautions against static electricity discharges.

Transport: Class 2.1 – Dangerous goods class 2.1 (flammable gas) are incompatible in a placard load with any of the following:

- . Class 1 – explosives
- . Class 4 – Flammable solids
- . Class 5 – oxidizing agents, organic peroxides
- . Class 7 – Radioactive substances

Spills and Disposal: Extinguish or remove all sources of ignition. Clear area of all unprotected personnel. Wear appropriate protection equipment. Dyke and contain leak with sand or earth. Allow to evaporate if conditions permit. Ventilate areas well and avoid breathing vapors.

MINOR - Collect liquid with absorbent material such as sand.  
MAJOR - take up with vacuum truck if available or absorb with sand. Place used absorbent in suitable, sealable, labeled containers.

**CONTACT POINT:** Mr Robin Crawford 08 9409 6644