

SAFETY DATA SHEET

Item Code: N0901

Section 1.	Identification of the material and the supplier
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Item Code:	N0901
Product:	Eurocoat 15
Product Use:	Corrosion Inhibitor
New Zealand Supplier:	Realcold Ltd
Address:	9 Prescott Street Penrose, Auckland
Telephone:	09 526 5700
Fax Number:	09 526 5721
Emergency Telephone:	09 526 5700 0800 766 764 (National Poison Centre)
Manufacturer:	Angel Marketing Ltd PO Box 26104 Epsom, Auckland
Date of MSDS Preparation:	14 March 2017 Ver 2

Section 2.	Hazards Identification
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This substance is hazardous according to the *HSNO (Minimum Degrees of Hazard) Regulations 2001*

Group Standard & EPA Approval Code: Surface Coatings and Colourants (Flammable) – HSR002662

Pictograms



Flammable



Irritant

Note: Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which could be fatal.

HSNO Class.	Hazard Code	Hazard Statement	GHS Category
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3.1C	H226	Flammable liquid and vapour.	Category 3
6.1E (oral)	H303	May be harmful if swallowed.	Category 5
6.1E (dermal)	H313	May be harmful in contact with skin.	Category 5
6.3B	H316	Causes mild skin irritation.	Category 3
6.4A	H319	Causes serious eye irritation.	Category 2A
6.5B	H317	May cause an allergic skin reaction.	Category 1

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P104	Read safety data sheet before use
P210	Keep away from heat, open flames and hot surfaces. No smoking.
P233	Keep container tightly closed.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing fumes or vapours.
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective clothing.

Response Code	Response Statement
P101	If medical advice is needed, have product container or label at hand.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P331	Do NOT induce vomiting.
P338	Remove contact lenses, if present and easy to do. Continue rinsing.
P363	Wash contaminated clothing before reuse.
P303 + P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P370 + P378	In case of fire: Use dry chemical, carbon dioxide or foam for extinction

Storage Code	Storage Statement
P403 + P235	Store in a well-ventilated place. Keep cool.

Disposal Code	Disposal Statement
P501	Triple rinse and dispose of according to Local Regulations.

Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Naphtha (Petroleum) Hydrotreated Heavy [Low Boiling Point Hydrogen Treated Naphtha]	40-50	64742-48-9
Inhibitor (Sulfonate Based)	5-10	57855-77-3
Inhibitor (Sulfonate Based)	10-15	25619-56-1
Cyclohexanone	0-1	108-94-1
Non Hazardous Materials	To balance	-

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes Immediately flush eyes with gentle but large stream of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician if needed.

If on Skin Remove contaminated clothing and wash skin with warm soapy water. Get medical assistance if required

If Swallowed If swallowed, call a physician immediately. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical assistance if required.

If Inhaled Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

Section 5. Fire Fighting Measures

Hazard Type	Flammable
Unusual Hazards	Vapours from this product may travel or be moved by air currents and be ignited by pilot lights, other flames, smoking, sparks, heaters, electrical equipment, static discharge or other ignition sources at locations distant from the point of handling.
Suitable Extinguishing media	Use dry chemical, carbon dioxide or foam.
Precautions for firefighters and special protective clothing	Self-contained breathing apparatus (SCBA) required for fire-fighting personnel. If possible to do so safely, shut off fuel to fire. Use water spray to spray to cool fire-exposed surfaces and to protect personnel. Avoid spreading burning liquid with water used for cooling fire exposed containers when using water spray, boil-over may occur when the product temperature reaches the boiling point of water.
HAZCHEM CODE	3Y

Section 6. Accidental Release Measures

Keep unnecessary people away; Isolate hazard area and deny entry. Stay upwind; Keep out of low areas. Shut off ignition sources, no flares, smoking or flames in hazard area. Stop leak if you can do it without risk. Water spray may reduce vapour; but it may not prevent ignition in closed spaces.

Small spills:

Take up with sand, dirt or vermiculite. DO NOT use sawdust. Use non-sparking tools or HEPA vacuum system. Place into labelled drum(s) for later disposal.

Large spills:

Notify Emergency Services (Police or Fire Brigade). Tell them exact location, nature, hazards, quantities, type of vehicle and any other information that would be helpful. Contain spill. Remove all ignition sources and safely stop flow of spill. Bund area. Trained personnel should wear Personal Protective equipment as highlighted in this SDS. Blanket the spill with foam or use water fog to disperse vapour clouds. Consult an expert regarding disposal of this product.

Section 7. Handling and Storage

Handling

- Keep out of reach of children.
- Read label before use.
- Read safety data sheet before use
- Keep away from heat, open flames and hot surfaces. No smoking.
- Keep container tightly closed.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.
- Avoid breathing fumes or vapours.

- Wash hands thoroughly after handling.
- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective clothing.
- Check all fittings, valves, reticulation (piping) and any ancillary equipment for leaks. A supplied air respirator or a Self-Contained Breathing Apparatus (SCBA) for emergencies should be available and checked regularly

Storage

- Store in a well-ventilated place. Keep cool.
- Store away from sources of heat or ignition, strong alkalis, acids, combustibles and oxidizing agents.
- All equipment must be earthed.
- Store in original packages as approved by manufacturer.
- Check all fittings, valves, reticulation (piping) and any ancillary equipment for leaks

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	CAS #	TWA		STEL	
		ppm	mg/m3	ppm	mg/m3
Cyclohexanone (skin)	[108-94-1]	25	100	-	-

Workplace Exposure Standard – Time Weighted Average (WES-TWA). *The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure.* Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). *The 15-minute average exposure standard.* Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

Engineering Controls

Maintain adequate ventilation at all times. Prevent accumulation of vapours in hollows or sumps. Eliminate any sources of ignition. Elevated temperature or mechanical action may form vapours, mists or fumes which may require local exhaust ventilation systems.

Personal Protection

Clothing: PVC or rubber apron.

Gloves: PVC or rubber.

Eyes: Chemical goggles or face shield to protect eyes.

Respiratory Protection:

Avoid breathing of vapours/gases. Select and use respirators in accordance with AS/NZS 1715/1716. When gases exceed the exposure standards then the use of a half-face respirator with organic vapour cartridge is recommended. For high concentration use an atmosphere-supplied, positive pressure demand self-contained or airline breathing apparatus, complying with the requirements of AS/NZS 1715 is recommended. Filter capacity and respirator type depends on exposure levels and type of contaminant.

If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended.

Section 9 Physical and Chemical Properties

Appearance	Liquid
Flash Point	43°C - 60°C
Boiling Point	140-200°C
Lower Flammability Limit	0.6%
Upper Flammability Limit	7 %
Vapour Pressure	<3.2kpa
Specific Gravity	0.92

Product Name: Eurocoat 15
Date of MSDS: 19 December 2012

Item No: N0901

Issued by: Realcold Ltd
Tel: 64 9 526 5700

Solubility in Water

Insoluble

Section 10. Stability and Reactivity

**Stability of Substance
Conditions to Avoid**

Stable under normal working conditions
Keep away from sources of heat or ignition, strong alkalis,
acids, combustibles and oxidizing agents.

Incompatible Materials

Strong alkalis, acids, combustibles and oxidizing agents.

Section 11 Toxicological Information

Acute Health Effects

Swallowed:

Toxic if swallowed.

Vomiting, may cause this product to be aspirated into the lungs, which may lead to chemical pneumonitis.

Eye:

May cause irritation to the eyes, with effects including: tearing, pain, stinging and blurred vision.

Skin:

Toxic by skin contact. May cause irritation to the skin, with effects including; Redness and itchiness.

Inhaled:

Toxic if inhaled.

May cause irritation to the nose, throat and respiratory system with effects including: Dizziness, headache and loss of co-ordination.

Chronic:

Prolonged or repeated exposure or deliberately concentrating and inhaling the vapour(s) may result in lung function incapacity or death.

Cyclohexanone	Cas No 108-94-1 =	Oral = LD50 (Mouse)	= 1400mg/kg
		Dermal= LD 50(Rabbit)	= 948mg/kg
Naphtha (Petroleum)			
Hydrotreated Heavy	Cas No 64742-48-9 =	Oral = LD50 (Rat)	= >2000mg/kg
		Dermal= LD50 (Rat)	= >2000mg/kg

Note: Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which could be fatal.

Section 12. Ecotoxicological Information

This product is not known to be an environmental hazard.

Section 13. Disposal Considerations

Triple rinse or puncture or crush empty containers and dispose of to an approved landfill.

Section 14 Transport Information

Classified as a Dangerous Good for transport in NZ ; NZS 5433:2012

Product Name: Eurocoat 15
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Road and Rail Transport

UN No: 1139
Class-primary 3
Packing Group III
Proper Shipping Name: COATING SOLUTION

Air Transport

UN No: 1139
Class-primary 3
Packing Group III
Proper Shipping Name: COATING SOLUTION

Marine Transport

UN No: 1139
Class-primary 3
Packing Group III
Proper Shipping Name: COATING SOLUTION

Section 15 Regulatory Information

EPA Approval Code: Surface Coatings and Colourants (Flammable) – HSR002662

HSNO Classification: 3.1C, 6.1E(oral,dermal)6.3B, 6.4A, 6.5B

HSNO Controls:

Trigger quantities for this substance:

	Trigger Quantity
Approved Handler	Not required
Location Certificate	500L (>5L), 1500L (<5L); 250L open.
Tracking Trigger Quantities	Not applicable
Signage Trigger Quantities	1000L(3.1C)
Emergency Response Plan trigger Quantities	10 000L (3.1C)

Section 16 Other Information

1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.
Disclaimer

This document has been issued by Realcold Limited and serves as their Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to Realcold Limited or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While Realcold Limited have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, Realcold Limited accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

The information herein is given in good faith, but no warranty, express or implied is made.

Please contact the New Zealand distributor, Realcold Ltd, if further information is required.

Issue Date: 19 December 2012 Review Date: 19 December 2017

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