

Safety Data Sheet



Hazardous Substance, Dangerous Goods

1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product Name Rustlock Derustit Rust Converter

Product Code : D

Product Use : Pretreatment for lightly rusted metal surfaces prior to painting.

Company Name : Haymes Paint
ABN : 14 004 201 638
Address : Waringa Drive, Wendouree Industrial Park, Victoria 3355, Australia.
Emergency Telephone : **03 5342 6200 . Office Hours : 7-30 to 5-30 Monday to Friday.**
Telephone Number/Fax : Tel: 03 5342 6200 . Office Hours : 7-30 to 5-30 Monday to Friday.

2. HAZARDS IDENTIFICATION

GHS Classification : This material is hazardous according to health criteria of Safe Work Australia. HAZARDOUS SUBSTANCE.

Hazard Pictograms :



Corrosion

SIGNAL WORD : **Danger**

Hazard Classification : Skin corrosion - Category 1B

Hazard Statement(s) : H314 : Causes severe skin burns and eye damage.

Precautionary Statement(s) :

Prevention : P102 : Keep out of reach of children.
P103 : Read label before use.
P260 : Do not breathe dust/fumes/gas/mist/vapours/spray.
P264 : Wash exposed skin thoroughly after handling.
P280 : Wear protective gloves/protective clothing/eye protection/face protection.

Response : P301+330+331 : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+350+351 : IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P363 : Wash contaminated clothing before reuse.
P304+340 : IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P310 : Immediately call a POISON CENTRE or doctor/physician.
P321 : Specific treatment (see First Aid Measures on this SDS)
P305+351+338 : IF IN EYES, rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

Storage : P405 : Store locked up.

Disposal : P501 : Dispose of contents/container in accordance with local, regional, national, international regulations.

SUSMP Poisons Schedule : **S5 Poison**

Dangerous Goods Classification : Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road and Rail.
Class 8 Corrosive

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3. COMPOSITION INFORMATION

Chemical Entity	CAS NO	Proportion
Phosphoric acid	7664-38-2	10 - 20 %
Ingredients determined not to be hazardous :	-	Balance
		100%

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126).

Inhalation :	Remove victim from exposure. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.
Skin :	For gross contamination, immediately drench with water and remove clothing. Continue to flush skin and hair with plenty of water (and soap if material is available). If swelling, redness, blistering, or irritation occurs seek immediate medical assistance.
Eye :	If in eyes, hold eyelids apart and rinse the eyes continuously with running water. Remove contact lenses if present and easy to do. Continue rinsing for several minutes until all contaminants are washed out completely. Immediately call a doctor. Continue rinsing.
Ingestion :	If swallowed rinse mouth. Do NOT induce vomiting. Call a Poisons information Centre or doctor if you feel unwell.

Symptoms and effects that may arise if the product is mishandled and overexposure occurs are :

Inhalation :	Breathing difficulties, irritation, coughing.
Skin contact :	Burning pain, irritation, redness.
Eye contact :	Burning pain, irritation, watering, redness.
Ingestion :	Nausea or vomiting.
Advice to First Aiders :	Be aware of the material(s) involved, and wear protective equipment if there is a risk of inhalation or skin and eye contamination.
First Aid Facilities :	Eye wash and normal washroom facilities.
Advice to Doctor :	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Hazchem Code :	*2X
Suitable extinguishing media :	If material is involved in a fire use alcohol resistant foam, standard foam or dry agent (carbon dioxide, dry chemical powder).
Specific hazards :	No flammability hazard, product is an aqueous solution. Wear protective clothing when handling containers involved in a fire situation. On combustion, forms toxic fumes (phosphorous oxides).
Fire fighting further advice :	Not combustible, however following evaporation of aqueous component residual material can burn if ignited. On burning may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

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6. ACCIDENTAL RELEASE MEASURES

Small Spills : Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.

Large Spills : Clear area of all unprotected personnel. Prevent further leakage or spillage if safe to do so. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of any dust. Work up wind or increase ventilation. Contain - prevent any possible contamination of drains and waterways. Collect and seal in properly labelled containers or drums for disposal. If contamination of drains or waterways has occurred advise local emergency services.

Dangerous Goods - Initial Emergency Response Guide No : **37**

7. HANDLING AND STORAGE

Handling : Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

Storage : Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from incompatible materials described in Section 10. Keep containers closed when not in use. Check regularly for leaks.

This material is described as a Dangerous Good Class 8 Corrosive Substance as per the criteria of the Australian Dangerous Goods Code and must be stored in accordance with the relevant regulations.

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Control Parameters : No value assigned for this specific product by Safe Work Australia. However, Workplace Standard(s) for constituent(s) are :

Chemical Entity	TWA		STEL		Carcinogen Category	Notices
	ppm	mg/m3	ppm	mg/m3		
Phosphoric acid	-	1	-	3	-	-

As published by Safe Work Australia

TWA - the time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) - the average airborne concentration over a 15-minute period, which should not be expected at any time during a normal eight-hour workday.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If directions for use are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

Engineering Controls : Ensure ventilation is adequate and that air concentrations are controlled below quoted Workplace Exposure Standards. Close with lid when not in use.

Personal protection equipment : **OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES.**

Wear overalls, safety glasses and impervious gloves. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment.

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Hygiene measures : Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear liquid.
Odour :	Acidic
Odour Threshold :	Not Available
Solubility :	Soluble in water.
Specific Gravity (20 °C) :	1.0 - 1.2
Relative Vapour Density (air=1) :	Not Available
Vapour Pressure (20 °C) :	Not available
Flash Point (°C) :	Not applicable
Flammability Limits (%) :	Not applicable
Autoignition Temperature (°C) :	Not applicable
Melting Point/Range (°C) :	Not available
Boiling Point/Range (°C) :	100°C
Decomposition Point (°C) :	Not Available
pH :	Not Available
Viscosity (Kinematic @ 40 °C) :	Not Available
Total VOC (g/litre) :	Not available

10. STABILITY AND REACTIVITY

Reactivity :	No reactivity hazards are known for the material.
Chemical stability :	Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Hazardous reactions :	The substance decomposes on contact with alcohols, aldehydes, cyanides, ketones, phenols, esters, sulfides, halogenated organics producing toxic fumes.
Conditions to avoid :	Elevated temperatures and sources of ignition.
Incompatible materials :	The substance is a medium strong acid. Reacts violently with bases.
Hazardous decomposition products :	Oxides of carbon and nitrogen, smoke and other toxic fumes.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects :

Acute toxicity - Inhalation :	Insufficient information available for classification.
Acute toxicity - Skin contact :	This product has been classified as Non-hazardous. Acute Toxicity Estimate based on ingredients : LD50 > 2000 mg / kg.
Acute toxicity - Ingestion :	This product has been classified as Non-hazardous. Acute Toxicity Estimate based on ingredients : LD50 > 2000 mg / kg.
Skin corrosion/irritation :	This product is classified as a Category 1B Hazard. Causes severe skin burns and eye damage.
Serious eye damage/irritation :	This product has been classified as Non-hazardous.
Respiratory Sensitisation :	This product has been classified as Non-hazardous.
Skin Sensitisation :	This product has been classified as Non-hazardous.
Aspiration hazard :	This product has been classified as Non-hazardous.
Specific target organ toxicity (single exposure) :	This product has been classified as Non-hazardous.

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Chronic Toxicity :

Mutagenicity : This product has been classified as Non-hazardous.
Carcinogenicity : This product has been classified as Non-hazardous.
Reproductive toxicity: This product has been classified as Non-hazardous.

Specific target organ toxicity (repeat exposure) : This product has been classified as Non-hazardous.

Likely routes of exposure : Routes of entry anticipated : Inhalation. skin and eye.

No adverse health effects expected if material is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are :

Potential acute health effects :

Inhalation : Vapour is an irritant to the mucous membranes and respiratory tract. High concentrations of vapour can cause severe irritation of the respiratory tract. Inhalation may result in headache, nausea and dizziness. Inhalation may cause pulmonary oedema (accumulation of fluid in the lungs).

Skin contact : Contact with skin will cause serious irritation and possible damage.

Eye contact : Contact with eyes will cause serious irritation and possible damage.

Ingestion : Ingestion may cause severe irritation or burns of digestive system. May cause burns in mouth and throat.

Symptoms related to the physical, chemical and toxicological characteristics :

Inhalation : Breathing difficulties, irritation, coughing.
Skin contact : Burning pain, irritation, redness.
Eye contact : Burning pain, irritation, watering, redness.
Ingestion : Nausea or vomiting.

Delayed and immediate effects and also chronic effects from short and long term exposure :

Inhalation : No information available for this product.
Skin contact : Prolonged or repeated contact can lead to irritation and possible burns.
Eye contact : Permanent eye damage, including loss of sight, may occur.
Ingestion : No information available for this product.

12. ECOLOGICAL INFORMATION

Avoid contaminating drains and waterways.

Acute aquatic hazard : No information available to complete an assessment.
Long-term aquatic hazard : No information available to complete an assessment.
Ecotoxicity : No information available.
Persistence and degradability : No information available.
Bioaccumulative potential : No information available.
Mobility : No information available.

13. DISPOSAL CONSIDERATIONS

Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.

If possible material and its container should be recycled. If material or container cannot be recycled dispose in accordance with local, regional, national and international regulations.

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14. TRANSPORT INFORMATION

Road and Rail Transport : Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road and Rail".

UN number : 1805
Dangerous Goods Class : 8
Packing Group : III
Hazchem Code : *2X
Emergency Response Guide No : 37
Proper Shipping Name : Phosphoric Acid, Solution

Segregation Dangerous Goods : Not to be loaded with explosives (Class 1), dangerous when wet (Class 4.3), oxidising agents (Class 5.1), organic peroxides (Class 5.2), if the Class 6 dangerous goods are cyanides - (Class 6), radioactive substances (Class 7), any Class 8 strong alkalis, foodstuffs or food packaging, however exemptions may apply.

Marine Transport : Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

UN number : 1805
Dangerous Goods Class : 8
Packing Group : III
Hazchem Code : *2X
Emergency Response Guide No : 37
Proper Shipping Name : Phosphoric Acid, Solution

Air Transport : Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN number : 1805
Dangerous Goods Class : 8
Packing Group : III
Hazchem Code : *2X
Emergency Response Guide No : 37
Proper Shipping Name : Phosphoric Acid, Solution

15. REGULATORY INFORMATION

This product/constituent(s) is/are covered by the following requirements :

This material is hazardous according to health criteria of Safe Work Australia. HAZARDOUS SUBSTANCE.

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road and Rail".

The Standard for the Uniform Scheduling of Medicines and Poisons No. 7.

S5 Poison

All the constituents of this product are listed on the Australian Inventory of Chemical Substances (AICS), or exempted.

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16. OTHER INFORMATION

This Safety Data Sheet has been prepared by Haymes Paint Technical Department.

Reason(s) for issue : Format change. Alignment to GHS requirements.

Literature References : Globally Harmonised System of Classification and labelling of Chemicals (GHS), 3rd revised edition, United Nations, 2009.
Guidance on the Classification of Hazardous Chemicals under the WHS Regulations - Implementation of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) - Safe Work Australia.
Australian Inventory of Chemical Substances.
European Chemicals Agency (ECHA).

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 and use the product in the workplace. Since Haymes Paint cannot anticipate or control the conditions under which the product may be used, prior to usage, review the SDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

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