



SAFETY DATA SHEET

Section 1: IDENTIFICATION

ONE SHOT

Recommended Use: A rust breakdown agent for use on most rust contaminated surfaces.

Product Code: 765



MASTER AUSTRALIA PTY LTD (A.B.N. 66 092 483 880)

Postal Address: 45 Marrickville Rd, Marrickville, NSW 2204

Telephone Number: (02) 9550 5800 Facsimile: (02) 9550 5876

Emergency Telephone Number: Poisons Information Centre (National) 13 11 26

Section 2: HAZARDS IDENTIFICATION

GHS Classification

Skin Corrosion (Category 1)

Metal Corrosion (Category 1)

Signal Word **DANGER**

Hazard Statements

H290	May be corrosive to metals
H314	Causes severe skin burns and eye damage

Precautionary Statements

P234	Keep only in original container
P260	Do not breathe dusts or mists
P264	Wash hands thoroughly after using
P280	Wear protective gloves/protective clothing and eye protection

Response Statements

P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353	IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water.
P304 + P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTRE or doctor/physician.
P363	Wash contaminated clothing before reuse
P390	Absorb spillage to prevent material damage

Section 3: COMPOSITION INFORMATION

Ingredient	CAS No	Proportion
Non-hazardous ingredients	-----	To 100%
Phosphoric Acid	7664-38-2	30-60%
Dipropylene glycol methyl ether	34590-94-8	<10%

Section 4: FIRST AID MEASURES

Eye (Contact)	Hold eyelids apart and flush the eye continuously with running water for at least 15 minutes. Seek immediate medical attention.
Skin (Contact)	Immediately remove excess product and contaminated clothing and flush skin and hair with running water for at least 15 minutes.
Inhalation(Breathing)	Apply artificial respiration if not breathing.
Ingestion (Swallowing)	Do NOT induce vomiting. For advice, contact a Poisons Information Centre (Phone 131126) or a doctor immediately.
Advice to Doctor	Treat symptomatically.
First Aid Facilities	Ensure an eye wash and safety shower are available and ready for use.
Additional Information	No aggravated medical conditions are known to be caused by exposure to this product.

Section 5: FIRE FIGHTING MEASURES

Suitable extinguishing media	Use water fog to keep fire-exposed containers cool. Carbon Dioxide, foam and dry chemical power extinguishers can also be used.
Hazards from combustion products	Burning can produce carbon monoxide and/or carbon dioxide.
Precautions for fire fighters and special protective equipment	Use water to cool containers. If safe to do so, remove containers from path of fire. Fire fighters must wear self-contained breathing apparatus with full face-mask and protective clothing.
Additional information	Hazchem – 2X.

Section 6: ACCIDENTAL RELEASE MEASURES

Emergency procedures	SAA/SNZ HB76: Dangerous Goods – Initial Emergency Response Guide 37 for large spills.
Methods and materials for containment and clean up	Clear area of all unprotected personnel. Wear full protective equipment to prevent skin and eye contact. Collect in an appropriate container or absorb with an inert material (e.g. vermiculite, dry sand, earth), and place in a chemical waste container.

Section 7: HANDLING AND STORAGE

Precautions for safe handling	Any non-intended or non-authorized use of this product may result in personal injury or damage to equipment. Store product in original container. Wash hands and face thoroughly after handling and before work breaks, eating, drinking, smoking and using toilet facilities.
Conditions for safe storage, including any incompatibilities	Store in a cool, dry, well ventilated area away from incompatible materials. Keep container tightly sealed. Check regularly for spills and leaks. Protect against physical damage.

Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

National Exposure Standards – Source: National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003].

<u>Ingredient</u>	<u>CAS No</u>	<u>TWA</u>	<u>STEL</u>
Phosphoric Acid	7664-38-2	1mg/m ³	3mg/m ³

Dipropylene glycol methyl ether	34590-94-8	308 mg/m ³	----
---------------------------------	------------	-----------------------	------

Biological limit values Not available.

Engineering controls Ensure adequate ventilation to keep airborne concentrations below exposure standards.

Personal protective equipment Eye/face protection – Safety glasses or chemical resistant goggles should be worn to prevent eye contact.



Skin protection – Use nitrile rubber gloves and overalls to prevent skin contact.

Respiratory protection – Respirator is not usually necessary but if product is being used in a confined area where mist is a problem, use an approved respirator.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear non-viscous liquid	Odour	Characteristic
Odour Threshold	No data available	pH	<2
Freezing Point	Approx. 0 ⁰ C	Initial Boiling Point	Approx. 100 ⁰ C
Boiling Range	No data available	Flash point	No data available
Evaporation Rate	No data available	Flammability	No data available
Upper flammability limit	No data available	Lower flammability limit	No data available
Vapour Pressure	No data available	Vapour Density	No data available
Relative Density	1.2	Solubility	Completely miscible with water
Partition Coefficient: n-octanol/water	No data available	Autoignition temperature	No data available
Decomposition temperature	No data available	Viscosity	Approx. 20 cPs

Section 10: STABILITY AND REACTIVITY

Chemical stability	Stable under normal ambient storage conditions.
Conditions to avoid	Avoid high temperatures (store below 30°C). Protect against physical damage.
Incompatible materials	Incompatible with most metals, caustics (bases), and reducing agents.
Hazardous decomposition products	None known.
Hazardous reactions	Strong caustics may liberate heat and cause spattering.

Section 11: TOXICOLOGICAL INFORMATION

Acute toxicity	Phosphoric Acid: LD ₅₀ 1530mg/kg (oral, rat) RTECS TB6300000
Skin corrosion/irritation	Product causes irritation, pain and reddening on skin contact Phosphoric Acid (80% solution): effect on rabbit skin not reversible after 72 hours.
Serious eye damage/irritation	Product causes irritation, pain and reddening on eye contact. Serious, permanent eye damage may result if not treated immediately.
Respiratory or skin sensitisation	No data available.
Germ Cell Mutagenicity	No data available.
Carcinogenicity	No data available.
Reproductive toxicity	No data available.
Specific Target Organ Toxicity – Single Exposure	No data available.
Specific Target Organ Toxicity – Repeated Exposure	No data available.
Aspiration Hazard	No data available.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity	No data available.
Persistence and degradability	No data available.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Other adverse effects	No data available.

Section 13: DISPOSAL CONSIDERATIONS

- Disposal method** Disposal to sewer is normally recommended with copious amounts of water.
Refer to State/Territory Land Waste Management Authorities if applicable. Containers are recyclable and can be disposed of by a licensed waste contractor. Containers can be disposed of to general waste or rinsed thoroughly and recycled.
- Special precautions** Suitable for incineration by approved agent.

Section 14: TRANSPORT INFORMATION

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code).

- | | |
|-------------------------------------|--|
| UN Number | 1760 |
| UN Proper Shipping Name | CORROSIVE LIQUID, N.O.S. (Phosphoric Acid) |
| Class and subsidiary risk | 8 – Corrosive |
| Packing Group | III |
| Special precautions for user | Not applicable |
| Hazchem Code | 2X |

Section 15: REGULATORY INFORMATION

Poisons Schedule (SUSDP): Schedule 6 – POISON.

SAFETY – Avoid contact with eyes and skin.

All ingredients are listed on the Australian Inventory of Chemical Substances (AICS).

Section 16: OTHER INFORMATION

Revision Date: 26th October, 2016

© This document remains property of *Master Australia Pty Ltd.*
Alterations are not permitted without prior written authorisation
from *Master Australia Pty Ltd.*