

Safety Data Sheet



Section 1: Company and Product Identification

Chemical Nature: Blend of acids, surfactants and other ingredients.

Product Name: **Meteor**

Product Use: Acid cleaner for toilet bowls and urinals.

Company: J.T.Dixon Pty. Ltd.

19-21 Homes Street, North Geelong, VIC 3215

Telephone: 03 52786644 Facsimile: 03 52770526

Web: www.jtdixon.com.au

Email: info@jtdixon.com.au

Emergency Response: Poisons Information Centre: Phone 131126 (Australia)

Section 2: Hazards Identification GHS05 BLANK BLANK BLANK

Hazard Pictograms:



Statement of Hazardous Nature

This product is classified as: Xn, Harmful. N, dangerous to the environment. C, Corrosive. Hazardous according to the criteria of SWA.

UN Number: 1805

Signal Word: DANGER

Hazard Category: Corrosive to metals Cat 1
Skin corrosion/irritation Cat 1
Serious eye damage/eye irritation Cat 1
Hazard to aquatic environment, acute Cat 3

Hazard Statements: H290: May be corrosive to metals
H314: Causes severe skin burns and eye damage
H318: Causes serious eye damage
H402: Harmful to aquatic life

Precautionary Statements: P234: Keep only in original container
P260: Do not breathe dust/fume/gas/mist/vapours/spray
P264: Wash thoroughly after handling
P271: Use only outdoors or in a well-ventilated area
P280: Wear protective gloves/protective clothing/eye protection/face

Response: P301: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin water.
P304: IF INHALED: remove to fresh air and keep at rest in a position comfortable for breathing.
P305: 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 CENTER Ph 131126 or doctor.
P321: Specific treatment is advised - see first aid instructions.
P363: Wash contaminated clothing before reuse
P391: Collect spillage

Storage: P403: Store in a well ventilated place. Keep container closed.
P405: Store locked up
P406: Store in a corrosive resistant/.. container with a resistant inner liner

Disposal: P501: Dispose of contents/container in accordance with local/national/international rules.

Other Hazards:: Not applicable, none known.

Section 3: Composition / Information on Ingredients

Substances / Mixtures	Cas Number	Conc,%	TWA(mg/m ³)	STEL(mg/m ³)
Phosphoric Acid	7664-38-2	10-<30%	1	3
Sulphamic Acid	5329-14-6	<5%	not set	
Benzalkonium chloride	63449-41-2	<5%	not set	
Water and other non hazardous ingredients	7732-18-5	to 100%	not set	

Section 4: First Aid Measures

Eye: If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by Poisons Information Centre, a doctor, or for at least 15 minutes.

Inhalation: No first aid measures normally required. However, if inhalation has occurred, and irritation has developed, remove to fresh air and observe until recovered. If irritation persists seek medical advice.

Skin: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or doctor.

Ingestion: For advice, contact a Poison Information centre on 131126 (Australia) or a doctor. If swallowed, do not induce vomiting.

Fist Aid Facilities: Eye wash facilities and safety shower should be available.

Immediate medical attention and special treatment needed

Treat symptomatically.

Section 5: Fire Fighting Measures

Extinguishing Media: Use an extinguishing agent suitable for the surrounding fire.

Special Hazards: Non flammable. May evolve toxic gases (phosphorus/ sulphur oxides) when heated to decomposition. Contact with most metals may evolve flammable hydrogen gas.

Advice For Firefighters: Evacuate area and contact emergency services. Toxic gases may be evolved in a fire situation. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

Hazchem Code: 2X

Section 6: Accidental Release Measures

Personal precautions, protective equipment and procedures: Wear Personal Protective Equipment (PPE) as detailed in Section 8 of the SDS. Clear area of all unprotected personnel. Ventilate area where possible. Contact emergency services where appropriate.

Environmental Precautions: Prevent product from entering drains and waterways.

Cleanup Procedures: Contain spillage, then cover / absorb spill with sodium carbonate or similar, collect and place in suitable containers for treatment and/or disposal. Only trained personnel should undertake clean up.

Reference to other sections: See Section 8 and 13 for exposure controls and disposal.

Section 7: Handling and Storage

Safe Handling Precautions: Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating. Drinking and smoking in contaminated areas.

Recommendations for Storage: Store in cool, dry, well ventilated area, removed from incompatible substances, heat or ignition sources and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills. Large storage areas should be bunded and have appropriate ventilation systems.

Specific End Use: No Information provided.

Section 8: Exposure Control / Personal Protection

Engineering Controls: Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended. Maintain vapour levels below the recommended exposure standard.

Work Clothing: Wear coveralls and rubber boots and a PVC apron. If spraying, wear impervious coveralls.

Eye/face protection: Wear splash-proof goggles. When using large quantities or where heavy contamination is likely, wear a faceshield.

Skin Protection: Wear full-length PVC or full-length rubber gloves.

Respiratory Protection: A respirator is not needed under normal and intended conditions of product use.

Biological Limits: No biological limit values have been entered for this product.

Exposure Standards

Ingredient	Reference	TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³
Phosphoric Acid	SWA (AUS)	-	1	-	3

Section 9: Physical and Chemical Properties

Physical Description: Liquid	Melting Point: Not avail	Freezing Point: Not avail
Colour: Purple	Boiling Point: Not avail	pH: 1 to 2
Sp Grav: 1.1	Odor: Flower/ Acid Odour	Water Solubility: Soluble
Evaporation rate: 1(Butyl acetate =1)	Flash Point: Not Relevant	Flammability: Non Flammable
Vapour Density: Not avail	Vapour Pressure: 2.37 kPa @ 20°C -	

Section 10: Stability and Reactivity

Reactivity: Carefully review all information provided in Section 10.

Chemical Stability: Stable under recommended conditions of storage

Possibility of Hazardous Polymerization: Polymerization is not expected to occur.

Reactions:

Conditions to Avoid: No specific data.

Incompatible Materials: Amines, zinc, tin, aluminium and their alloys, other substances reactive with strong acidic liquids..

Hazardous Decomposition: May evolve toxic gases (phosphorus/ sulphur oxides) when heated to decomposition.

Section 11: Toxicological Information

Acute Toxicity (Product): Ingestion may result in severe burns to the mouth and throat, vomiting, abdominal pain, ulceration of the gastrointestinal tract, convulsions and death.

Toxicological Information (contained substances)

Ingredient	Health Effects
Phosphoric Acid	Skin corrosion and severe eye irritation.
Sulphamic Acid	Skin irritation and severe eye damage.

Skin: Causes severe burns. Contact may result in irritation, redness, pain, rash, dermatitis and severe burns.

Eye: Causes severe burns. Contact may result in irritation, lacrimation, pain, redness and corneal burns with possible permanent eye damage.

Sensitisation: Not classified as causing skin or respiratory sensitisation.

Mutagenicity: Not classified as a mutagen.

Carcinogenicity: Occupational exposure to strong inorganic acid mists containing sulphuric acid is classified as carcinogenic to humans (IARC Group 1).

Reproductive: Not classified as a reproductive toxin.

STOT- single exposure: Over exposure may result in irritation of the nose and throat, coughing and bronchitis. High level exposure may result in ulceration of the respiratory tract, lung tissue damage, chemical pneumonitis and pulmonary oedema. Effects may be delayed.

STOT- repeated exposure: Not classified as causing organ damage from repeated exposure. Adverse effects are generally associated with single exposure.

Aspiration: Not classified as causing aspiration.

Section 12: Ecological Information

Toxicity: Product not tested.

Persistence and

Degradability: Product not tested.

Mobility in Soil: Product not tested.

Bioaccumulative Potential: Product not tested.

Section 13: Disposal Information

Product Disposal: For small amounts (as determined by risk assessment or similar): Wearing the protective equipment detailed above, neutralise to pH 6-8 by SLOW addition to a saturation sodium bicarbonate solution or similar basic solution. Dilute with excess water and flush to drain. Product disposal should only be undertaken in well ventilated area. For larger amounts: Dispose in accordance with local regulations.

Other Considerations: Dispose of in accordance with relevant legislation.

Section 14: Transport Information

Classified As Dangerous Goods By The Criteria Of The ADG Code.

UN Number: 1805

Proper Shipping Name: CORROSIVE LIQUID, N.O.S.

Dangerous Goods Class: Class 8

Packing Group: III

Hazchem Code: 2X

Section 15: Regulatory Information

AICS: All of the significant ingredients in this formulation are compliant with NICNAS regulations. The following ingredients: Phosphoric Acid, Sulphamic Acid, are mentioned in the SUSMP.

Section 16: Other Information

SDS Author: Greg SDS Author

Version Date:

1/12/2016

This SDS is valid for 5 years from the date of issue but may be withdrawn and revised anytime prior to that date. Please ensure that you are using the latest issue. All information contained in this Safety Data Sheet is as accurate and up-to-date as possible. Since J.T.DIXON cannot anticipate or control the conditions under which this information can be used, each user should review this information in the specific context of the use of or reliance upon this information. No expressed or implied warranties are given other than those mandated by Commonwealth, State, territory legislation.