

Safety Data Sheet





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Reactivity	0
Personal Protection	H

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	METAL DEGREASER
Chemical Name:	Aqueous Solution
Trade Name:	Metal Cleaner Degreaser
Product Use:	Cleaner
Distributor's Name:	Sculpt Nouveau
Distributor's Address:	1155 Industrial Ave. Escondido, CA 92029
Emergency Phone:	CHEMTREC 800-424-9300 U.S. and Canada; 1-703-527-3887 International
Business Phone:	760-432-8242

2. HAZARDS IDENTIFICATION

Hazard Identification:	<p>This product is classified as a hazardous substance as assessed according to the classification criteria of [NOHSC: 1088 (2004)] and ADG Code (Australia). DANGER! MAY BE CORROSIVE TO METALS. HARMFUL IF SWALLOWED. CAUSES SEVERE BURNS AND EYE DAMAGE. <u>Hazard Statements (H):</u> H313 - May be harmful in contact with skin. H315 - Causes skin irritation. H319 - Causes serious eye irritation. <u>Precautionary Statements (P):</u> P261 - Avoid breathing mist/sprays. P272 - Contaminated work clothing should not be allowed out of the workplace. P280 - Wear protective gloves and eye protection. P302+P352 - IF ON SKIN: Wash with plenty of soap and water. P333+P313 - If skin irritation or rash occurs, get medical advice/attention. P310 - Immediately call a POISON CENTER or doctor/physician. P321 - Specific treatment, see Section 4 of this safety data sheet. P363 - Wash contaminated clothing before reuse. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. P501 - Dispose of contents/container to licensed treatment, storage and disposal facility.</p>	 
Effects of Exposure:	<p>Eyes: Irritation or possible burns upon direct contact. Possible irreversible damage. Skin: Frequent or prolonged contact may irritate and cause dermatitis. Irritation and possible sensitization with certain individuals Ingestion: Burns to the gastrointestinal tract. Other possible symptoms include nausea, vomiting, and abdominal pain. Inhalation: Nose and throat irritation, and irritation of the upper respiratory tract.</p>	
Symptoms of Overexposure:	<p>Eyes: Redness, burning, irritation, and swelling around eyes. Eye damage. Skin: Redness, burning, itching, rash, and scaling of the skin (dermatitis). Ingestion: Nausea and vomiting, severe abdominal pain. Inhalation: Severe irritation of respiratory tract and mucous membranes, difficulty breathing, coughing.</p>	
Acute Health Effects:	Irritation or possible burns upon direct skin contact. Possible irreversible damage to eyes. Irritation and possible sensitization with certain individuals.	
Chronic Health Effects:	Irritation and possible skin sensitization with certain individuals. Prolonged or repeated skin exposure may cause dermatitis.	
Target Organs:	Eyes, skin, respiratory system.	

3. COMPOSITION & INGREDIENT INFORMATION

CHEMICAL NAME(S)	CAS No.	%	EXPOSURE LIMITS IN AIR (mg/m ³) ppm						
			ACGIH		OSHA		NOHSC		
			TLV	STEL	TWA	STEL	IDLH	TWA	STEL
Water	7732-18-5	60-100	NE	NE	NE	NE	NA	NA	NF
Phosphoric Acid	7664-38-2	1-5	(1)	(3)	NA	NA	1000	NF	NF
Tetrapotassium Pyrophosphate	7320-34-5	5-10	NA	NA	NA	NA	NA	NF	NF
Ethoxylated Alcohol	NA	1-5	NA	NA	NA	NA	NA	NF	NF
Quaternary Amine Compound	NA	1-5	NA	NA	NA	NA	NA	NF	NF

4. FIRST AID MEASURES

First Aid:	<p>Ingestion: DO NOT INDUCE VOMITING. Contact nearest Poison Control Center for assistance and instructions. Seek immediate medical attention. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the risk of aspiration.</p> <p>Eyes: If product gets in eyes, flush eyes thoroughly with large amounts of water for at least 15 minutes, holding eyelid(s) open to ensure complete flushing. If the eyes or face become swollen during or following use, consult a physician or emergency room immediately.</p> <p>Skin: Remove contaminated clothing and wash affected areas with soap and water. If discomfort or a skin reaction occurs, contact a physician. Do not wear contaminated clothing until cleaned.</p> <p>Inhalation: Remove victim to fresh air at once. Seek immediate medical attention if breathing is difficult.</p>
Medical Conditions Aggravated by Exposure:	Pre-existing dermatitis, other skin conditions, and disorders of the eyes or respiratory system may be more susceptible to the effects of this substance.

5. FIREFIGHTING MEASURES

Fire and Explosion Hazard :	Non-flammable. Use media as appropriate for surrounding fire. Contact with metals may release flammable hydrogen gas.
Extinguishing Methods :	Use carbon dioxide, foam, water spray. Halon (if permitted), dry chemical extinguisher.
Firefighting Procedures :	As with any fire, firefighters should wear appropriate protective equipment including a MSHA/NIOSH approved or equivalent self contained breathing apparatus and protective clothing. Hazardous decomposition products may be released. Thermal degradation may produce oxides of carbon, and/or nitrogen, hydrocarbons and or derivatives. Fires should be fought from a safe distance. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway.

6. ACCIDENTAL RELEASE MEASURES

Spills:	<p>Before cleaning any spill or leak, individuals involved in spill cleanup must wear appropriate personal protective equipment (PPE). Use safety glasses and face shield, gloves and other protective clothing to prevent skin contact.</p> <p><u>Small Spills:</u> Wear appropriate protective equipment as previously stated. Use a non-combustible, inert material such as vermiculite or sand to soak up the product and place into a container for later disposal.</p> <p><u>Large Spills:</u> Keep incompatible materials (e.g., organics such as oil) away from spill. Stay upwind and away from spill or release. Isolate immediate hazard area and keep unauthorized personnel out of area. Stop spill or release if it can be done with minimal risk. Wear appropriate protective equipment including respiratory protection as conditions warrant. Recover as much free liquid as possible and collect in acid-resistant container. Use absorbent to pick up residue. Avoid discharging liquid directly into a sewer or surface waters.</p>
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7. HANDLING & STORAGE INFORMATION

Work and Hygiene Practices:	Avoid breathing mists or spray. Avoid eye and skin contact. Wear protective equipment when handling product. Keep out of the reach of children. Do not eat, drink or smoke when handling this product. Wash thoroughly after handling. Immediately clean up and decontaminate any spills or residues.
Storage and Handling:	Use and store in a cool, dry, well ventilated location (e.g., local exhaust ventilation, fans), away from heat and sunlight. Keep away from incompatible substances (see section 10). Protect containers from physical damage.
Special Precautions:	Empty containers may retain hazardous product residues. Do not reuse empty containers for other purposes.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Ventilation and Engineering Controls:	Use local or general exhaust ventilation to effectively remove and prevent buildup of vapors or mist generated from the handling of this product. Ensure appropriate equipment is available (eye wash station, sink, etc.).
Respiratory Protection:	In instances where vapors or sprays of this product are generated, and respiratory protection is needed, use only protection authorized by 29 CFR §1910.34, applicable U.S. State regulations or the Canadian CAS Standard Z94.4-93 and applicable standards of Canadian Provinces, EC member States, or Australia (e.g., NIOSH approved respirator with full or half face N95 cartridge).
Eye Protection:	Safety glasses with side shields must be used when handling this product. A face shield is also recommended.
Hand Protection:	Wear protective, chemical-resistant gloves, (e.g., neoprene) when handling this product.
Body Protection:	A chemical resistant apron and protective clothing are recommended when handling or using this product.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Clear liquid
Odor:	Mild odor
Odor Threshold:	N/A
pH:	9,4
Melting and Freezing Point:	N/A
Boiling Point/Range:	>100°C (212°F)
Flashpoint:	N/A
Flammability Limits:	N/A
Vapor Pressure:	N/A
Vapor Density:	> 1.0 (air=1.0)
VOC:	N/A
Solubility:	Complete
Evaporation Rate:	< 1.0 (ethyl ether = 1.0)

10. STABILITY & REACTIVITY

Stability:	Stable under normal storage and use conditions.
Hazardous Decomposition:	Thermal decomposition can produce oxides of carbon, potassium, nitrogen and sulfur.
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Avoid high temperatures and incompatible materials.
Incompatible Substances:	Water-reactive substances, metals (e.g., aluminum, zinc) strong acids, oxidizers, organic halogens, flammable liquids.

11. TOXICOLOGICAL INFORMATION

Routes of Entry:	Inhalation: Yes	Absorption: Yes	Ingestion: Yes
Toxicity Data:	Tetrapotassium Pyrophosphate: LD ₅₀ (dermal, rabbit) > 4640 mg/kg; Phosphoric Acid: LD ₅₀ (oral, rat) = 1530 mg/kg; LD ₅₀ (oral, rat) = 4640 mg/kg		
Acute Toxicity:	See section Section 2 for acute toxicity		
Chronic Toxicity:	See section Section 2 for chronic toxicity		
Suspected Carcinogen:	NA		
Reproductive Toxicity:	This product is not reported to cause problems with fertility or the unborn child.		
Mutagenicity:	This product is not reported to cause mutagenic effects in humans.		
Embryotoxicity:	This product is not reported to cause embryotoxic effects in humans.		
Teratogenicity:	This product is not reported to cause teratogenic effects in humans.		
Irritancy of Product:	See Section 2		
Biological Exposure Indices:	NE		
Physician Recommendations:	Treat symptomatically		

12. ECOLOGICAL INFORMATION

Environmental Stability	No data available
Effects on Plants & Animals:	No data available
Effects on Aquatic Life:	No data available

13. DISPOSAL CONSIDERATIONS

Waste Disposal:	Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate disposal method for the ingredients listed in Section 2. Any disposal practice must be in compliance with local, state, and federal laws and regulations. Contact the appropriate agency for specific information. Treatment, transport, storage and disposal of hazardous waste must be provided by a licensed facility or waste hauler.
Special Considerations:	U.S. EPA Characteristic Waste - (D002 - corrosivity)

14. TRANSPORTATION INFORMATION

49 CFR (GND) IATA (AIR) IMDG (OCN) TDGR (Canadian GND) ADR/RID (EU) SCT (MEXICO) ADGR (AUS)	UN1760, CORROSIVE LIQUIDS, N.O.S., (Tetrapotassium Pyrophosphate), 8, III
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15. REGULATORY INFORMATION

SARA Reporting Requirements:	This product contains <u>Phosphoric Acid</u> , a substance subject to SARA Title III, section 313 reporting requirements
SARA Threshold Planning Quantity	N/A
TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.
Federal and State Regulations:	<u>Phosphoric Acid</u> is found on the following state criteria lists: FL, MA, MN, PA. <u>Tetrapotassium Pyrophosphate</u> is found on the following state criteria lists: NJ, PA.
Other Canadian Regulations:	This product has been classified according to the hazard criteria of the CPR and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. WHMIS Class E (Corrosive Material), Class D28 (Materials Causing Other Toxic Effects)
CERCLA Reportable Quantity:	<u>Phosphoric Acid</u> : 5,000 lbs. (2,270 kg), <u>Tetrapotassium Pyrophosphate</u> : RQ 100 lbs (45.4 kg)
Other Federal Requirements:	NAA
Other Requirements:	The primary components of this product are listed in Annex 1 of EU Directive 67/548/EEC. Corrosive, Harmful (C, Xn), Harmful if swallowed. Causes severe burns.

16. OTHER INFORMATION

Other Information:	DANGER! May be corrosive to metal. Harmful if swallowed. Causes severe burns and eye damage. Wear protective gloves/eye protection. If swallowed, immediately call a Poison Center or doctor/physician. Avoid breathing mist or spray. If skin irritation or rash occurs, get medical attention/advice. KEEP OUT OF REACH OF CHILDREN.
Disclaimer:	This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of Sculpt Nouveau's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness are not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.
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