

Safety Data Sheet



Health	2
Fire	0
Reactivity	0
Personal Protection	H

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Metal Coating Type "C" Catalyst
Chemical Name:	Metal Coating Catalyst
Trade Name:	Metal Coating Type "C" Catalyst
Product Use:	Catalyst for Type "C" Metal Coating
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:	800-728-5787

2. HAZARDS IDENTIFICATION

Hazard Identification:	<p>This product is classified as a hazardous substance and as dangerous good according to the classification criteria of [NOHSC: 1088 (2004)] and ADG Code (Australia) DANGER! MAY BE HARMFUL IN CONTACT WITH SKIN. MAY CAUSE SKIN IRRITATION. MAY CAUSE SERIOUS EYE IRRITATION. <u>Hazard Statements:</u> H314 Causes severe skin burns and eye damage. H335 May cause respiratory irritation. <u>Precautionary Statements (P):</u> P260 - Do not breathe fumes, mist, vapors or spray. P264 - Wash hands thoroughly after handling P271 - Use only outdoors or in a well-ventilated area. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing, eye protection and face protection. <u>Response:</u> P301 +PP330 +P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P305 +P351 +P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P405 Store locked up.</p>	
Effects of Exposure:	<p>Eyes: Irritation upon direct contact. Skin: Irritation and possible dermatitis. Ingestion: Irritation to gastrointestinal tract.. Inhalation: Inhalation of high vapor concentrations may cause CNS effects, headache, dizziness.</p>	
Symptoms of Overexposure:	<p>Eyes: Redness, burning, irritation, and swelling around eyes. Skin: Redness, burning, itching, rash, and scaling of the skin (dermatitis). Ingestion: Nausea and vomiting, severe abdominal pain. Harmful or fatal if ingested. Inhalation: Coughing, wheezing, swelling of throat, irritation in mucous membranes, difficulty breathing.</p>	
Acute Health Effects:	<p>May be fatal if swallowed and enters airways. May cause an allergic skin reaction. May be harmful if swallowed. Breathing of high vapor concentrations may cause headaches, stupor, irritation of throat and eyes, kidney effects.</p>	
Chronic Health Effects:	<p>May damage the nervous system, kidney and/or liver.</p>	
Target Organs:	<p>Eyes, skin, lungs.</p>	

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 - 90%	None	None	None	None	None	None	None	
Ammonium Chloride	12125-02-9	5 - 15%	10	20	NA	NA	NA	NA		
Phosphoric Acid	7664-38-2	5 - 15%	1	3	NA	NA	1000	NF	NF	
Trade Secret - non hazardous		1-5%	None	None	None	None	None	None	None	

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 or impaired kidney function may be more susceptible to the effects of this substance.

5. FIREFIGHTING MEASURES

Fire and Explosion Hazard :	Non flammable. May react with metals to release hydrogen gas, which can form explosive mixtures with air. May intensify fire. Oxidizer.
Extinguishing Methods :	Use fire extinguishing media appropriate for surrounding materials.
Firefighting Procedures :	As with any fire, firefighters should wear appropriate protective equipment including a NIOSH approved or equivalent self contained breathing apparatus and protective clothing. Fight fires as for surrounding materials. Hazardous decomposition products may be released. Thermal degradation may product oxides of carbon, phosphorous, selenium and/or nitrogen, hydrocarbons, and/or derivatives. Fire should be fought from a safe distance. Keep containers cool after fire is out. Use water spray to cool fire exposed surfaces. Prevent runoff from fire control or dilution from entering sewers, drains or natural waterway.

6. ACCIDENTAL RELEASE MEASURES

Spills:	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. Insure adequate ventilation. Eliminate all source (flares, flames including pilot lights, electrical sparks). Pay attention to the spreading of gases especially at ground level (heavier than air) and to the direction of the wind. Absorb spillage with inert material and dispose of in accordance of E.P.A. and other local, state and federal authorities. For waste disposal methods, consult federal, state and local regulations. Place in closed containers. Dispose of product in accordance with these regulations.
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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. Do not expose to heat and flame, keep away from sparks. Use only in ventilated areas. 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 sources of ignition, keep away from sparks. Ground and bond all transfer equipment.
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:	NIOSH/OSHA approved respirator types suitable for materials in section 2 recommended. Approved chemical or mechanical filters recommended when ventilation is restricted. Do not breathe vapors or spray mist. Wear appropriate respirator during and after application unless air monitoring records vapor/mist levels below acceptable limits. Follow manufacturer directions for use.
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:	Petroleum
Odor Threshold:	N/A
pH:	.85
Melting and Freezing Point:	N/A
Boiling Point/Range:	>100°C (>212°F)
Flashpoint:	Will not flash
Flammability Limits:	Not flammable
Vapor Pressure:	NA
Vapor Density:	< 1.0 (air = 1.0)
Relative Density:	1.055
Solubility:	Complete
Evaporation Rate:	< 1.0 (ethyl ether = 1.0)

10. STABILITY & REACTIVITY

Stability:	Stable at normal temperatures and pressures.
Hazardous Decomposition:	Reaction with organics and strong reducing agents can produce organoselenides and hydrogen selenide. Thermal decomposition may produce selenium and phosphoric oxides.
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Excessive heat, shock, friction
Incompatible Substances:	Strong oxidizing agents, acids, chlorinated cleaners, organic materials, cyanides

11. TOXICOLOGICAL INFORMATION

Routes of Entry:	Inhalation: Yes	Absorption: Yes	Ingestion: Yes
Toxicity Data:	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 reproductive toxicity in humans.		
Mutagenicity:	Ammonium Chloride: May affect genetic material		
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:	Toxicity to fish: <u>Ammonium Chloride</u> : LC50 - Cyprinus carpio - 209 mg/l - 96.0 h; <u>Phosphoric Acid</u> : LC50 (Daphnia magna, 12h) = 4.6 mg/L

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:	N/A

14. TRANSPORTATION INFORMATION

49 CFR (GND) IATA (AIR) IMDG (OCN) TDGR (Canadian GND) ADR/RID (EU) SCT (MEXICO) ADGR (AUS)	UN1760, CORROSIVE LIQUID, N.O.S. (Phosphoric Acid), 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.
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). WHMIS Class D1 (Materials Causing Immediate and Serious Toxic Effects).
CERCLA Reportable Quantity:	<u>Phosphoric Acid</u> : 5,000 lbs. (2,270 kg).
Other Federal Requirements:	NAA
Other Requirements:	The primary components of this product are listed in Annex 1 of EU Directive 67/548/EEC. Phosphoric Acid: Corrosive (C), Toxic (T). Risk Phrases (R): R35 - Causes severe burns.

16. OTHER INFORMATION

Other Information:	DANGER! POISON! CORROSIVE. May be fatal if swallowed or harmful if inhaled. Can cause severe burns to eyes and irritation to skin. OXIDIZER. Combustible materials that contact this product may ignite more easily and burn more intensely. Avoid shock, heat, and friction.
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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