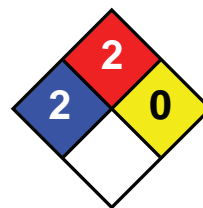


Safety Data Sheet



Health	2
Fire	2
Reactivity	0
Personal Protection	H

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	LIVER OF SULFUR
Chemical Nature:	Solid Nuggets
Trade Name:	Traditional Patina - POTASH, SULFURATED
Product Use:	Coloring solution for non-ferrous metals
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) WARNING! MAY BE HARMFUL IN CONTACT WITH SKIN. MAY CAUSE SKIN IRRITATION. MAY CAUSE SERIOUS EYE IRRITATION. HARMFUL IF SWALLOWED. <u>Hazard Statements</u> Harmful if swallowed. May cause skin irritation. Causes serious eye irritation. <u>Precautionary Statements (P)</u>: P261 - Avoid breathing dust or fumes. P264 - Wash hands, face and clothing thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well ventilated area. P280 - Wear protective gloves/ clothing/eye protection/face protection. P304 + P340 - IF INHALED: Remove person to fresh air and keep 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. P312 - Call a poison center/doctor if you feel unwell.</p>	
Effects of Exposure:	<p>Eyes: May cause serious eye damage. Skin: Possible irritation direct contact. Ingestion: Severe burns of mouth, throat, stomach. Inhalation: Severe irritation or burns in respiratory tract and mucous membranes, Possible lung damage.</p>	
Symptoms of Overexposure:	<p>Eyes: Redness, burning, irritation, and swelling around eyes. Skin: Redness, burning, itching, rash, on skin. Ingestion: Nausea, vomiting, severe abdominal pain. Inhalation: Coughing, swelling of throat, irritation in mucous membranes, difficulty breathing.</p>	
Acute Health Effects:	May be harmful if inhaled. May be harmful if swallowed. May cause burning	
Chronic Health Effects:	May damage the nervous system, kidney and/or liver.	
Target Organs:	Eyes, skin, nervous system, kidneys, liver, respiratory system, spleen, blood forming organs, bones.	

3. COMPOSITION & INGREDIENT INFORMATION

CHEMICAL NAME(S)	CAS No.	WEIGHT%	EXPOSURE LIMITS IN AIR (mg/m ³) ppm					
			ACGIH		OSHA		NOHSC	
			TWA	STEL	TLV	STEL	TWA	STEL
Potassium Polysulfide	7782-61-8	25%	1	NA	NA	NA	NF	NF
Potassium Thiosulfate Hydrated	7705-08-0	75%	1	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. Consult a physician. Rinse mouth with water. 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 clean.</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 :	Special hazards arising from the substance or mixture may be sulphur oxides, potassium oxides.
Extinguishing Methods :	Use agent most appropriate to extinguish surrounding fire. Contact professional fire-fighters immediately. Use dry powder.
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. Fire should be fought from a safe distance. Keep containers cool after fire is out. Prevent runoff from fire control or dilution from entering sewers, drains or 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). Wear respiratory protection. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.</p> <p>Environmental precautions - Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.</p> <p>Methods and materials for cleaning up - Pick up and arrange disposal without creating dust. Sweep up and shovel. Do not flush with water. Keep in suitable closed containers for disposal. See Section 13 for disposal considerations.</p>
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7. HANDLING & STORAGE INFORMATION

Work and Hygiene Practices:	Avoid formation of dust and aerosols. Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs. Provide appropriate exhaust ventilation at places where dust is formed.
Storage and Handling:	Use and store in a cool, dry, well ventilated location, away from heat and direct sunlight. Keep away from incompatible substances (see section 10). Protect containers from physical damage. Never allow product to get in contact with water during storage. Do not store near acids
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 of this product are generated, and respiratory protection is needed, use only protection authorized by 29 CR 1910.134, applicable U.S. State regulations, or the Canadian CAS Standard Z94.4-93 and applicable standards of Canadian Province, EC member States, or Australia.
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:	Golden to brownish solid
Odor:	Rotten Egg
Odor Threshold:	N/A
pH:	@ 3
Melting and Freezing Point:	Melting point range: 200 - 250°C (392 - 482°F)
Boiling Point/Range:	> 400°C (> 752°)
Flashpoint:	> 200°C (> 392°F) - Micropowder
Flammability Limits:	N/A
Vapor Pressure:	N/A
Vapor Density:	N/A
Relative Density:	1.65 g/cm ³
Solubility:	Easily soluble in water
Evaporation Rate:	N/A

10. STABILITY & REACTIVITY

Stability:	Stable at normal temperatures
Hazardous Decomposition:	Not available
Hazardous Polymerization:	Has not been reported
Conditions to Avoid:	Not available
Incompatible Substances:	Strong oxidizing agents, strong acids, flammable materials, fluorine, air, oxygen

11. TOXICOLOGICAL INFORMATION

Routes of Entry:	Inhalation: Yes	Absorption: Yes	Ingestion: Yes	
Toxicity Data:	NA			
Acute Toxicity:	Inhalation (LD ₅₀): 444 mg/kg, 4h (Rat)			
Chronic Toxicity:	See Section 2			
Suspected Carcinogen:	This product is not reported to be carcinogenic.			
Reproductive Toxicity:	This product is not reported to cause reproductive toxicity in humans.			
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 produce 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:	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life.

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:	US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3

14. TRANSPORTATION INFORMATION

49 CFR (GND) IATA (AIR) IMDG (OCN) TDGR (Canadian GND) ADR/RID (EU) SCT (MEXICO) ADGR (AUS)	UN3178, FLAMMABLE SOLID, INORGANIC, N.O.S., (Sulfurated Potash), 4.1, II
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15. REGULATORY INFORMATION

SARA Reporting Requirements:	No part of this chemical is subject to reporting requirements of SARA Title III, section 302 or section 313. SARAH 311/312 - Acute health hazard.
SARA Threshold Planning Quantity	NA
TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory.
Federal and State Regulations:	<u>Potassium Polysulfides</u> can be found on the following state Right To Know lists: Pennsylvania, Massachusetts & New Jersey Right-to-Know lists.
Other Canadian Regulations:	This product has a WHMIS classification of C, D2B. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by those regulations.
CERCLA Reportable Quantity:	The chemical in this material does not have an RQ.
Other Federal Requirements:	OSHA - hazardous by definition of Hazard Communication Standard CFR 1910.1200
Other Requirements:	N/A

16. OTHER INFORMATION

Other Information:	DANGER! Components of this solution are dangerous and toxic. May be harmful if swallowed or inhaled.
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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