

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1: PRODUCT IDENTIFICATION AND USE

Product Name: Chemgon Waste Treatment Systems
Manufacturer: National Steel & Copper Plate Co.
Manufacturer's address: 60 W. 57th Street, Suite 5H, New York, NY 10019
Telephone number for emergencies: 719-578-1410 Bruce Maurath, Safety Officer and Chemtrec - 1-800-424-9300
Synonyms: Raysorb
Chemical Family: Cross linked Polyprotic and Diprotic resins
Formula: Mixture of Resins
CAS Number: None assigned
DOT Proper Shipping Name: None assigned
DOT Hazard Class: Not applicable
UN/NA Number: None assigned

SECTION 2: HEALTH HAZARD INFORMATION

Eye: Direct contact with granules can produce moderate to severe irritation.
Skin: May produce mild irritation or drying on prolonged or repeated contact.
Inhalation: Prolonged or repeated inhalation may produce nose or throat irritation, headache, nausea and dizziness. Severe overexposure may lead to confusion, disorientation, weakness and collapse with a drop in blood pressure.
Ingestion: Swallowing this product may lead to mouth and stomach irritation accompanied by burning pain, nausea, vomiting and diarrhea. See comments section.

Caution: May cause irritation to skin and eyes. Harmful if swallowed. Avoid prolonged or repeated inhalation of any vapors. Do not use this product until MSDS has been read and understood.

SECTION 3: EMERGENCY AND FIRST AID PROCEDURES

Eye contact: Immediately flush with large amounts of water for at least 15 minutes. Do not attempt to neutralize with chemical agents. If irritation persists, seek medical aid.
Skin contact: Flush exposed area with water for 15 minutes. Remove contaminated clothing and launder before use. If irritation persists, seek medical aid.
Inhalation: Remove from exposure. If breathing is stopped or difficult, administer artificial respiration and oxygen as necessary. Seek medical aid.
Ingestion: Contact Chemtrec and seek medical aid.

SECTION 4: FIRE AND EXPLOSION HAZARD INFORMATION

Flash point: Not applicable.
Autoignition Temperature: Not determined.
Flammable limits (% volume/air): LEL: Not applicable. UEL: Not applicable.
Extinguishing media: Water spray, dry chemical, foam, carbon dioxide, halon.
Fire and explosion hazards: Combustion can evolve carbon monoxide and oxides of nitrogen.

SECTION 5: SPILL, LEAK AND DISPOSAL INFORMATION

Spill or leak procedures: Take up spills with pan and broom. Wear gloves. For very large spills use personal respiratory protection and eye protection. Shut off sources of ignition. Evacuate area and guard against fire.
Waste disposal: Contact manufacturer. All waste disposal must be done in accordance with Federal, State and Local regulations.

SECTION 6: OCCUPATIONAL EXPOSURE LIMIT/HAZARDOUS

Exposure limit (Product): None established.

<u>Hazardous Ingredients</u>	<u>CAS No.</u>	<u>Percent</u>	<u>Exposure Limit</u>
Ethanol mg/l 8hr PEL	67-63-0	0.5-1.0	Below 1000

Identity of specific components of this mixture are proprietary.

SECTION 7: PERSONAL PROTECTION INFORMATION

Eye protection:	Safety glasses.
Skin protection:	Impervious gloves.
Respiratory protection:	None required under normal conditions. For spills, the use of self containing breathing apparatus is recommended.
Ventilation:	Special ventilation not required for normal use.

SECTION 8: PERSONAL HANDLING INSTRUCTIONS

Handling:	No special handling required. Avoid prolonged, excessive or repeated skin contact or inhalation. Avoid eye contact.
Storage:	Keep away from sparks and flame. Avoid accumulating dust. This product can react with oxidizing agents, peroxides or concentrated acids or bases.
Other:	Do not take internally. Wash exposed areas promptly and thoroughly after contact and before eating, drinking, use of tobacco products, or use of restrooms.

SECTION 9: REACTIVITY DATA

Conditions contributing to instability:	None. Material may support combustion.
Incompatibility:	Strong acids, bases, oxidizing agents, peroxides.
Hazardous reactions/decomposition products:	Carbon monoxide, carbon dioxide, ammonia, oxides of nitrogen.
Conditions contributing to hazardous polymerization:	None.

SECTION 10: PHYSICAL DATA

Appearance/Odor:	Fine Opaque granules, slight alcohol odor.		
Boiling point:	Not applicable	Specific gravity:	
	Approximately .63		
Melting point:	Unknown	% Volatile by Volume:	Less
than 1%			
Solubility:	Swells but insoluble	Ph:	Basic
Vapor pressure:	None	Evaporation Rate:	Not
Applicable			
			(Ether =
1)			

SECTION 11: SPECIAL PRECAUTIONS

Transportation Information:	
Shipping Name:	Not required
Hazard Class:	N/A
Hazard Label:	Not required
UN Number:	N/A
Packing Group:	N/A

SECTION 12: COMMENTS

Persons with history of disease or illness involving the skin, eyes, respiratory tract or circulatory system may be at a greater risk of developing adverse health effects from exposure to this product.

No known ingredients which occur at greater than 0.01% are listed as carcinogens by IARC Monographs on the Evaluation of the Carcinogenic Risk to Humans, the NTP Annual Report on Carcinogens, or OSHA 299 CFR 1910.1001-1047 Subpart Z Toxic and Hazardous Substances.

One component of this product, ethanol, is reported by the manufacturer to be toxic to the developing fetus.

Do not wear contact lens without proper eye protection when using this product.

Chemgon is a trademark of Global Graphics Supply.

Notice: While the information and recommendations set forth herein are believed to be accurate as of the data hereof, National Steel and Copper Plate Co. and Isolyser Co. Inc., makes no warranty with respect thereto and disclaims all liability to reliance thereon.

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