

SDS - SAFETY DATA SHEET

Section 1. Chemical Product and Company Identification



Product Name: **DEGREASER-69**
Product Use: Industrial Cleaner and Degreaser
Product Code:
SDS No. D-002

3795 NW 38th St. Miami, FL 33142

Phone: 305-638-7171

email: ortachemicalcorp@gmail.com

24 Hrs Emergency Phone Number:
305-799-9481

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Section 2. Hazards(s) Identification

GHS CLASSIFICATIONS

Health:

Acute Toxicity (Oral) Category 1
Acute Toxicity (Dermal) Category 1
Acute Toxicity (Inhalation) Category 1
Eye Corrosion, Category 1

GHS LABEL



SIGNAL WORD: DANGER

HAZARD STATEMENTS

Causes severe skin burns and eye damage.
Harmful if inhaled.

PRECAUTIONARY STATEMENTS

Avoid breathing mist, spray, fume. Wear protective gloves and clothing, eye and face protection. Wash skin thoroughly after handling.

IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Call a POISON CENTER or physician.

IF ON SKIN: Remove immediately all contaminated clothing and rinse skin with plenty of water before reuse. If skin rash or irritation occurs, get medical attention.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF IN EYES: Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

STORAGE: Store locked up. **DISPOSAL:** Dispose of contents/container to an approved waste disposal plant.

Section 3. Composition / Information on Ingredients

CHEMICAL NAME	Wt. %	CAS
Sodium Hydroxide	1 - 5	1310-73-2
Nonyl Phenol Ethoxylated	1 - 5	9016-45-9
2-Butoxyethanol	1 - 5	111-76-2
Silicic Acid (H ₂ SiO ₃) Disodium Salt	1 - 5	6834-92-0

COMMENTS: NA - Not Applicable

Section 4. First Aid Measures

IN CASE OF EYES CONTACT: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

IN CASE OF SKIN CONTACT: Immediately flush with with large quantities of lukewarm water for at least 15 minutes while removing contaminated clothing. Get medical attention if symptoms occur. Wash clothing before reuse.

IF INGESTED: Aspiration hazard. If swallowed DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention immediately. If vomiting occurs, keep head below hips to prevent aspiration into lungs.

IF INHALED: If exposed to excessive levels of dust or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

Section 5. Fire Fighting Measures Hazards(s) Identification

Suitable extinguishing media:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media:	None known.
Specific hazard during fire fighting:	Fire hazard. Keep away from heat and sources of ignition. Flash back possible over considerable distance. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.
Hazardous combustion products:	Carbon oxides.
Special protective equipment for fire-fighters:	Use personal protective equipment.
Specific extinguishing methods:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:	Ensure adequate ventilation. Remove all sources of ignition. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. An appropriated certified respirator must be used when workers are facing concentrations above the exposure limit. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed on section 7 and 8.
Environmental precautions:	Do not allow contact with soil, surface or ground water.
Methods and materials for containment and cleaning up:	Eliminate ignition sources and leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, vermiculite, diatomaceous earth) and place in container for disposal according to local and national regulation (see Section 13). Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

Section 7. Handling and Storage

HANDLING:	Avoid contact wit eyes, skin and on clothing. Use in a well-ventilated area. Avoid inhalation of vapors and mists. Do not ingest. Do not breathe dust/fume/mist/vapors/spray. Wash hands thoroughly after handling. Avoid static electricity discharge (which may cause ignition of organic vapors).
STORAGE:	Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Keep out of reach of children.
STORAGE TEMPERATURE:	4.4°C (40°F) Minimum, to 49°C (120°F) Maximum.
Notes:	Store in a cool place below 120°F (49°C).

Section 8. Exposure Controls / Personal Protection

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m3	ppm	mg/m3	ppm	mg/m3
2-Butoxyethanol	TWA	50	240	20		NL	NL
	STEL					NL	NL
Sodium Hydroxide	TWA	2				NL	NL
	STEL					NL	NL

Section 8. Exposure Controls / Personal Protection (continuation)

PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE: Wear safety glasses with side shields. Chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent) are recommended.

SKIN: Wear protective clothing including long sleeves and gloves, to prevent skin contact. Thoroughly wash clothing before reuse.

RESPIRATORY: Good general ventilation should be sufficient to control airborne levels.

OTHER USE PRECAUTIONS:



Section 9. Physical and Chemical Properties

PHYSICAL STATE:	Liquid	FLASH POINT AND METHOD:	> 93°C (199.9°F)
ODOR:	Mild Chemical	MELTING/FREEZING POINT:	No data available
APPEARANCE:	Clear Liquid	FLAMMABLE LIMITS:	No data available
COLOR:	Red	VAPOR PRESSURE:	No data available
Ph:	13 - 14	VAPOR DENSITY:	No data available
ODOR TRESHOLD:	No data available	BOILING POINT:	to 98.9°C (210°F)
PERCENT VOLATILE:	NA = Not Applicable	SPECIFIC GRAVITY:	1.02
WATER SOLUBILITY:	Soluble	(VOC):	Not Established

Section 10. Stability and Reactivity

STABLE: Under normal conditions.

HAZARDOUS POLIMERIZATION: No

INCOMPATIBLE MATERIALS: Reactive or incompatible with the following materials: oxidizing materials, metals, and acids.

Section 11. Toxicological Information

ACUTE:

Chemical Name	ORAL LD ₅₀	DERMAL LD ₅₀	INHALATION LC ₅₀
Nonyl Phenol Ethoxylated	> 5,000 mg/kg (Rat)	> 2000mg/Kg (Rabbit)	
2-Butoxyethanol	1,746 mg/kg (Rat)	680 mg/Kg (Rabbit)	450 ppm (Rat)
Silicic Acid (H ₂ SiO ₃)	1,153 mg/kg (Rat)		
Sodium Hydroxide	500 mg/kg (Rat)	>2,000 mg/Kg (Rabbit)	

REPRODUCTIVE TOXICITY:

REPRODUCTIVE EFFECTS: No known significant effects or critical hazards.

TERATOGENIC EFFECTS: No known significant effects or critical hazards.

CARCINOGENICITY: No known significant effects or critical hazards.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as possible or confirmed human carcinogen by IARC.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP: No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

MUTAGENICITY: Harmful to Aquatic Organisms

Section 12. Ecological Information

ENVIRONMENTAL DATA: No known significant effects or critical hazards

AQUATIC TOXICITY (ACUTE):

Aquatic Toxicity

Product/Ingredient Name	Test	Result	Species	Exposure
Nonyl Phenol Ethoxylated		Acute EC50 40mg/L Fresh Water	Algae-green algae <i>Pseudokirchneriella subcapitata</i>	96 Hours
		Acute LC50 1-2 ug/L Fresh Water	Crustaceans - Fairy shrimp <i>Thamnocephalus platyurus</i> - Nauplii	48 Hours
		Acute LC50 4800 ug/L Fresh Water	24 hrs. Daphnia, Water flea <i>Daphia pulex</i> - Larvae <= 24hrs	48 Hours
		Acute LC50 1300 ug/L Fresh Water	Fish - Bluegill - <i>Lepomis</i> <i>macrochirus</i> 1g	96 Hours
		Chronic NOEC 35 ug/L Fresh Water	Fish - Medaka, high eyes, <i>Oryzias</i> <i>latipes</i> - Fry	100 days
2-Butoxyethanol		Acute LC50 1,250 mg/L	Fish	96 Hours
Silicic Acid (H ₂ SiO ₃) Disodium Salt		Acute LC50 250 mg/L	Fish	96 Hours
Sodium Hydroxide		Acute EC50 40mg/L	Daphnia	24 Hrs

Section 13. Disposal Considerations

DISPOSAL METHOD: Waste Information

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Consult your local or regional authorities for additional information.

Waste Stream Code: D002

Classification: Hazardous waste.

Origin: (RCRA WASTE)

Section 14. Transport Considerations

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME:

Regulatory Information	UN Number	Proper Shipping Name	Classes	PG*	Label
DOT Classification	1824	Corrosive liquid, Basic, Inorganic, NOS (Sodium Hydroxide)	8	II	
IMDG Class	Not determined				

NOTE: DOT classification applies to most package sizes. For specific container size classification or for size exceptions, refer to the Bill of Lading with your shipment. PG*: Packing Group

Section 15. Regulatory Information

UNITED STATES

FSARA TITLE III (SUPERFUND AMENDMENTS AND RE-AUTHORIZATION ACT)

313 REPORTABLE INGREDIENTS: Product Name

2-Butoxyethanol

Clean Water Act (CWA) 307: No products were found.

Clean Air Act (CaA) 112 regulated toxic substances: No products were found.

All Components of this product are listed or exempt from listing on TSCA inventory.

TSCA 8(a) PAIR: Nonylphenol Ethoxylated

TSCA 8(a) IUR: Not determined

Clear Water ACT (CWA) 311: Sodium Hydroxide (RQ 1000 Lbs)

United States Inventory (TSCA 8B): All componenets are listed or exempted.

OTHER CONSIDERATIONS: NA = Not Applicable

EXPLOSION HAZARDS: NA = Not Applicable

FIRE FIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus operated in pressure-demand mode, (NIOSH APPROVED OR EQUIVALENT) and full protective gear.

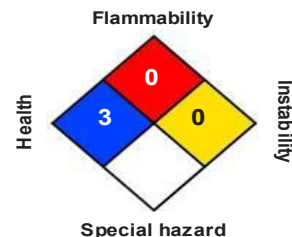
Section 16. Other Information

HMIS III RATING:

HEALTH		3
FLAMMABILITY		0
REACTIVITY		0

0 = No significant
1 = Slight
2 = Moderate
3 = High
4 = Extreme
* = Chronic

NFPA CODES:



NOTICE TO READER: To the best of our knowledge, the information contained herein is accurate with respect to the formula used to manufacture this product. However neither the above named supplier, nor any of its subsidiaries assumes any liability whatsoever for accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. Although certain hazards are described here in, we can no guarantee that these are the only hazards that exist.