


Section 1 – Product Information			
Product Name: Ox-Out 536		Supplier	Chemclean Corporation
Product Use: Scale and Oxide Remover	Information Phone: 1-800-538-2436		Address 130-45 180th Street Springfield Gardens, NY 11434
	Emergency Contact: 1-800-424-9300 (Chemtrec)		
Section 2 – Hazards Identification			
GHS Classification Respiratory Sensitization Category 1			
Section 2.1 Label Elements			
Hazard Pictograms 		Precautionary Statements	
Signal Word: Danger		Prevention <ul style="list-style-type: none"><li>• Wear eye/face protection.</li><li>• Avoid breathing dust/fume/gas/mist/vapors/spray.</li><li>• In case of inadequate ventilation wear respiratory protection.</li></ul>	
Hazard Statements: Causes serious eye damage		Eyes <ul style="list-style-type: none"><li>• IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</li><li>• Immediately call a POISON CENTER or doctor/physician.</li></ul>	
Inhalation <ul style="list-style-type: none"><li>• IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing</li><li>• If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.</li></ul>			
Section 3 – Composition/Information on Ingredients			
Chemical Name	CAS-No	Weight %	Trade secret
Nitric Acid	7697-37-2	<20	*
Fluoride Ion	1341-49-7	<1	*
*The exact percentage (concentration) of composition has been withheld as a trade secret.			
4. FIRST AID MEASURES			
General Advice	If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.		
Eye Contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Immediate medical attention is required.		
Skin Contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes. If skin irritation persists, call a physician.		
Inhalation	Move to fresh air. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, give oxygen. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.		
Ingestion	Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.		
5. FIRE-FIGHTING MEASURES			
<b>Suitable Extinguishing Media</b> Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.			
<b>Unsuitable Extinguishing Media</b> No information available.			
<b>Specific Hazards Arising from the Chemical</b> May cause sensitization by inhalation Thermal decomposition can lead to release of irritating gases and vapors. In the event of fire and/or explosion do not breathe fumes.			
<b>Explosion Data</b> Sensitivity to Mechanical Impact None. Sensitivity to Static Discharge None.			
<b>Protective Equipment and Precautions for Firefighters</b> As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.			
6. ACCIDENTAL RELEASE MEASURES			
<b>Personal precautions, protective equipment and emergency procedures</b>			
<b>Personal Precautions</b> Evacuate personnel to safe areas. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Keep people away from and upwind of spill/leak.			
<b>Environmental Precautions</b> Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. Prevent entry into waterways, sewers, basements or confined areas.			
<b>Methods and materials for containment and cleaning up</b>			
<b>Methods for Containment</b> Prevent further leakage or spillage if safe to do so.			
<b>Methods for Cleaning Up</b> Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.			
7. HANDLING AND STORAGE			
<b>Handling</b> Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Do not breathe vapors or spray mist. Use only in area provided with appropriate exhaust ventilation. Do not eat, drink or smoke when using this product.			
<b>Storage</b> Keep in properly labeled containers. Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place.			
<b>Incompatible Products</b> None known based on information supplied.			
8. EXPOSURE CONTROLS / PERSONAL PROTECTION			
Chemical Name	ACGIH TLV	OSHA PEL	NIOSH
Nitric Acid 7697-37-2	4 ppm (10 mg/m3) STEL	2 ppm (5 mg/m3) TWA	2 ppm (5 mg/m3) TWA
Fluoride Ion 1341-49-7	2.5 mg/m3 TWA	2.5 mg/m3 TWA	2.5 mg/m3 TWA
<b>Appropriate engineering controls</b>			
<b>Engineering Measures</b> Showers, Eyewash stations, Ventilation systems			
<b>Individual protection measures, such as personal protective equipment</b>			
<b>Eye/Face Protection</b> Wear safety goggles.			
<b>Skin and Body Protection</b> Lightweight protective clothing. Impervious gloves.			
<b>Respiratory Protection</b> If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.			
<b>Hygiene Measures</b> When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing.			



9. PHYSICAL AND CHEMICAL PROPERTIES					
Physical State	Odor	Appearance	pH	Melting Point/Range	Boiling Point
Liquid	Mild	Clear	<1	No data available	>100C
Flash Point	Flammability Limits	Vapor Pressure	Specific Gravity	Water Solubility	Flammable Properties
No data available	No data available	No data available	1.2	Soluble	Not Flammable
10. STABILITY AND REACTIVITY					
Reactivity			No data available.		
Chemical stability			Stable under recommended storage conditions.		
Hazardous Polymerization			Hazardous polymerization does not occur.		
Conditions to avoid			N/A		
Incompatible materials			Strong Acids		
Hazardous decomposition products			None		
11. TOXICOLOGICAL INFORMATION					
Inhalation	May cause sensitization by inhalation.				
Eye Contact	Irritating to eyes. Causes serious eye damage.				
Skin Contact	May cause irritation.				
Ingestion	There is no data available for this product.				
Delayed and immediate effects and also chronic effects from short and long term exposure					
Sensitization	May cause sensitization of susceptible persons. May cause sensitization by inhalation.				
Carcinogenicity	Contains no ingredients above reportable quantities listed as a carcinogen.				
Chronic Toxicity	Avoid repeated exposure. Repeated contact may cause allergic reactions in very susceptible persons.				
Target Organ Effects	Respiratory system. Eyes. Skin.				
12. ECOLOGICAL INFORMATION					
Ecotoxicity			Nitric acid (7697-37-2) Mosquito fish: T <sub>Lm</sub> = 72 /96H (fresh water). Cockle: LC50 = 330-1000 ppm/49H (salt water).		
Persistence and Degradability			No information available.		
Bioaccumulation			Not established.		
Other Adverse Effects			No information available.		
13. DISPOSAL CONSIDERATIONS					
Waste Disposal Methods			Dispose of in accordance with federal, state, and local regulations		
Contaminated Packaging			Do not re-use empty containers.		
14. TRANSPORT INFORMATION					
DOT			Ground: hazardous, Sea: IMDG Class: hazardous, Air: ICAO/IATA Class: hazardous COMPOUND CLEANING LIQUID CONTAINS ACID, 8, CORROSIVE LIQUID, NA1760, PGIII		
15. REGULATORY INFORMATION					
Safety, health and environmental regulations/legislation specific for the substance or mixture					
EU Legislation			The UN Globally Harmonized System (GHS) Safety Data Sheet format (Annex IV) is implemented as Annex II of REACH EU No 453/2010 of 20th May 2010 amending regulation (EC) No 1907/2006		
National Regulations			The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689.Workplace Exposure Limits 2005 (EH40)		
16. OTHER INFORMATION					
<u>NFPA</u>	Health Hazard 2	Flammability 0	Instability 0	Physical and Chemical Hazards -	
<u>HMIS</u>	Health Hazard 2	Flammability 0	Physical Hazard 0	Personal Protection X	
Prepared By Chemclean Corporation 130-45 180th Street Springfield Gardens, NY 11434					
Revision Date			01-June-2015		
Revision Note			No information available.		
General Disclaimer					
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End of Safety Data Sheet					