

MATERIAL SAFETY DATA SHEET
MAY BE USED TO COMPLY WITH
OSHA'S HAZARD COMMUNICATION STANDARD,
29 CFR 1910.1200. STANDARD MUST BE
CONSULTED FOR SPECIFIC REQUIREMENTS

US DEPARTMENT OF LABOR
OCCUPATIONAL SAFETY & HEALTH ADMIN.
(NON-MANDATORY FORM)
FORM APPROVED
OMB NO. 1218.0072

MSDS #
10534

MATERIAL SAFETY DATA SHEET

PRODUCT:
OX OUT 536

D.O.T.: Not Regulated [] or Regulated [X]
Shipping Name (If regulated):
COMPOUND CLEANING LIQUID CONTAINS
NITRIC ACID, 8, CORROSIVE MATERIAL,
NA1760 , PGIII.

SECTION I

Manufactured By:
ChemClean Corporation
130-45 180th Street
Springfield Gardens NY 11434

Emergency Phone: 1-800-424-9300
Information Phone: 1-718-525-4500
Date Prepared: 1 / 0 6 / 9 8
Signature of Preparer (optional):

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components:	OSHA PEL	CAS #	% (optional)
Specific Chemical Identity (Common Name): NITRIC ACID	5mg/cuM	7697-37-2	< 20
FLUORIDE ION	2.5mg/cuM	1341-49-7	< 1

Sara Hazard: Fire ? NO Pressure? NO Reactivity? YES Acute? YES Chronic? YES

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	212F	Specific Gravity (water=1):	1.2
Vapor Pressure (mm Hg):	6.8 @ 20C	Melting Point:	N/A
Vapor Density (Air=1):	2.2	Evaporation Rate:	1
pH:	1-1.5	Evaporation Standard:	WATER
Solubility in Water:	COMPLETE		
Appearance & Odor:	CLEAR WATER-LIKE LIQUID WITH A SLIGHTLY PUNGENT ODOR.		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): NONE
Flammable Limits in Air (%): N/A Lower: N/A Upper: N/A
Extinguishing Media: NON-FLAMMABLE
Special Fire Fighting Procedures:

WEAR SELF-CONTAINED BREATHING APPARATUS.
WEAR PROTECTIVE CLOTHING FOR CHEMICAL FIRE.

Fire/Explosion Hazards:

OXIDIZER:SOME METALS WILL RELEASE HYDROGEN GAS.

SECTION V - REACTIVITY DATA

Stability: Unstable [] or Stable [X]
Conditions to Avoid: N/A
Materials to Avoid: READILY OXIDIZABLE MATERIALS, STRONG ALKALIS
Hazardous Decomp/Byproducts:
NITRIC OXIDE FUMES
Hazardous Polymerization: May Occur [] or Will Not Occur [X]
Conditions to Avoid: N/A

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=====**SECTION VI - HEALTH HAZARD DATA**=====

Routes of Entry: Inhalation? YES Skin? YES Ingestion? YES

Acute & Chronic Health Hazards:
LIQUID CONTACT WILL CAUSE BURNS, CORROSIVE TO SKIN, EYES,
MOUTH, THROAT, MUCOUS MEMBRANES. HIGH VAPOR CONCENTRATIONS
ARE IRRITATING TO RESPIRATORY TRACT.

Carcinogenicity: NO NTP: NO IARC: NO OSHA Regulated: NO

Signs/Symptoms of Exposure:
SKIN, EYE AND RESPIRATORY TRACT IRRITATION.

Medical Conditions Generally Aggravated by Exposure:
RESPIRATORY INFLAMMATION.

Emergency and First Aid Procedures:
IF SWALLOWED: DO NOT INDUCE VOMITING. SEEK DOCTOR'S HELP.
FOR EYE CONTACT: FLUSH 15 MINUTES WITH WATER. SEEK DOCTOR'S
HELP.
FOR SKIN CONTACT: FLUSH AND WASH WITH SOAP AND LARGE AMOUNT
OF WATER, FOLLOWED BY A RINSE WITH QUATERNARY AMMONIUM
COMPOUND i.e. QUATERNARY DISINFECTANT. INHALATION: REMOVE
TO FRESH AIR. GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF
NEEDED.

=====**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**=====

In Case Material is Released or Spilled:
KEEP UPWIND FROM LEAK OR SPILL. NEUTRALIZE WITH SODIUM
CARBONATE OR LIME.

Waste Disposal Method:
SHOVEL INTO DRY WASTE DISPOSAL AS PER FED., STATE, AND LOCAL
REGULATIONS.

Precautions to be Taken in Handling and Storing:
WEAR PROPER SAFETY CLOTHING AND EQUIPMENT. KEEP AWAY FROM
REDUCING MATERIALS. KEEP CONTAINER CLOSED WHEN NOT IN USE.

Other Precautions:
USE PRECAUTIONS FOR HANDLING OF STRONG ACIDS.

=====**SECTION VIII - CONTROL AND PROTECTION MEASURES**=====

Respiratory Protection:
USE NIOSH APPROVED ACID FUME RESPIRATOR.

Ventilation: YES
Local Exhaust Needed: BELOW PEL. Special Ventilation: N/A
Mechanical (General): RECOMMENDED Other: AS NEEDED

Protective Gloves: VINYL OR NEOPRENE RUBBER
Eye Protection: ACID PROOF GOGGLES
Clothing/Equip: BOOTS AND APRON WHEN DIPPING OR POURING FROM LARGE CONTAINER
Work/Hygiene: WASH SKIN AND CHANGE CLOTHING IN CASE OF SPILL.
 EYEWASH, SAFETY SHOWER NEARBY.

=====**OTHER INFORMATION**=====

NFPA: HEALTH: 3 FLAMMABILITY: 0 REACTIVITY: 0 SPECIAL: OXY

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