

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

SECTION 1 - PRODUCT IDENTIFICATION

Distributor	Gulfax Group	Emergency Phone	971-4-352-4715
Address	P.O. Box 7770 Dubai, UAE		
Trade Name	R-3 STAINLESS STEEL	Product Type	Stainless Steel Cleaner

SECTION 2 - HAZARDOUS INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT(optional)	TLV(Source)
Propane	74-98-6		OSHA(PEL)- not Established; ACGIH(TLV) - 1000 ppm
Butane	106-97-8		OSHA(PEL)-Not established;ACGIH(TLV) - 800ppm
Petroleum Distillate	64742-47-8		OSHA(PEL) & ACGIH(TLV) - not established
Petroleum Distillate	64741-44-2		OSHA(PEL) - not established; ACGIH(TLV) - 400 ppm
2-Aminoethanol	141-43-5		3 ppm TWA (ACGIH); 3 ppm TWA (OSHA)

Other ingredients in this product are : Less than 1% by weight or less than 0.1% for carcinogens Not hazardous Declared to be Trade Secret

SECTION 3 - PHYSICAL DATA

Boiling point(°F.)	>200	Specific Gravity(H ₂ O=1.0) (± 0.005)	0.950	pH (± 0.5)	7.5
Vapor Pressure(mm Hg)	N/A	Vapor Density(Air=1)	Unknown		
Solubility in water	<input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable (or Dispersible) <input type="checkbox"/> Slight (or Partial)				
Evaporation Rate(vs. H ₂ O)	<input type="checkbox"/> Faster <input checked="" type="checkbox"/> Slower <input type="checkbox"/> About the Same				

Appearance and Odor White , Creamy Milky Opaque Emulsion With Lemon Odor

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point(T.C.C.)	°F.	<input checked="" type="checkbox"/> None to Boiling	Flammable Limits	Upper	N/A	Lower	N/A
Extinguishing Media	Alcohol foam, CO ₂ , Dry chemical (B-C), water.						
Special Firefighting Procedures	Keep containers cool using water spray. Use proper equipment to protect personnel from bursting containers.						
Unusual Fire and Explosion Hazards	Contents under pressure. Do not expose to temperatures exceeding 120°F. as containers may vent, rupture or burst.						

SECTION 5 - REACTIVITY DATA

Stability	Stable	Incompatibility	Strong oxidizers
Hazardous Decomposition Products	CO and CO ₂ .		

SECTION 6 - HEALTH HAZARDS

Primary Routes of Exposure	<input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input type="checkbox"/> Oral <input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Other		
Signs and Symptoms of Overexposure (Acute)	May cause skin and eye irritation.		
Signs and Symptoms of Overexposure(Chronic)	See "SIGNS AND SYMPTOMS OF EXPOSURE(ACUTE)" above.		
Medical Conditions Aggravated by Overexposure	None known	Carcinogen/Suspect Carcinogen Ingredients	<input type="checkbox"/> NTP <input type="checkbox"/> OSHA <input type="checkbox"/> IARC <input checked="" type="checkbox"/> NONE

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes	Flush with water for at least 15 minutes. Get medical attention if irritation persists.
Skin	Wash affected areas with soap and water. Get medical attention if irritation persists.
Ingestion	Do NOT induce vomiting. Get medical attention.
Inhalation	Remove victim to fresh air. Apply artificial respiration if necessary. Get medical attention.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection	None required for normal use.
Ventilation Requirements	<input type="checkbox"/> Local Exhaust <input type="checkbox"/> Mechanical <input checked="" type="checkbox"/> Room Ventilation Is Adequate
Protective Gloves	Wear gloves if Eye Protection Use when necessary to prevent eye Other Protective Clothing Wash hands after use

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken if Released or Spilled	Soak up spilled liquid with absorbent material. Place in closed container.
Waste Disposal Methods	Dispose of in accordance with applicable Federal, State and Local ordinances.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken Do not store at temperatures above 120°F. Do not puncture or incinerate containers. Keep out of reach of children. Store in accordance with NFPA 30B for Level 1 in Handling and Storage Aerosols. Read label precautions carefully. Follow label directions to avoid injury.

The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form(as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure to the product, if diluted, under conditions of ordinary use.