

**Material Safety Data Sheet**

Date Prepared : 05-06-03

MSDS No. G171001

**Section I Material Identification And Use****Product/Trade Name XTRACT(Non-oily P.O.G. & General Purpose Stain Remover)**

NFPA Designation: Health 1 Flammability 2 Reactivity 0  
 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Manufacturer's Name: Caled Chemical Emergency Telephone (Chemtrec) 1-800-424-9300  
 Address: 26 Hanes Drive, Wayne, NJ 07470 Working Hours (973) 696-7575

Chemical Name: mixture Chemical Family: mixture

Formula: Mixture Material Use: Detergent

**Section II Hazardous Ingredients**

Hazardous Ingredients	CAS Number	Approx. Percent	Exposure Limits	Other
2-Butoxy Ethanol	111-76-2-	1-65	25ppm OSHA PEL) TWA skin (rat) 530mg/kg 25 PPM ACGIH (TLV)TWA skin 400 mg/kg	oral LD 50 dermal LD 50 rabbit

**Section III Physical Data**

Physical State: Liquid | Odor And Appearance: clear colorless mild odor

Specific Gravity	Vapor Pressure (Mm)	Vapor Density(Air=1)	Ph
0.980	NA	NA	5.0-6.0

Evaporation Rate (Butyl Ace=1)	Boiling Point(F)	% Volatile(Vol)	Water Solubility
Slower	NA	NA	SOLUBLE

**Section IV Fire And Explosion Hazard Data**

Flash point (F) Method	Flammable Limits In Air % By Volume
162 closed Cup	Upper: ND Lower: ND

Extinguishing Media Fog Foam Carbon Dioxide Dry Chemical

Special Fire Fighting Procedures:

Use self contained breathing apparatus. Cool exposed containers with water.

Unusual Fire And Explosion Hazards

Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could result in container rupture. Prevent weakening of container structure.

**XTRACT (Non-oily P.O.G. & General Purpose Stain Remover)****Section V Reactivity Data**

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Stability	Unstable	Conditions To Avoid:
	X Stable	Keep away from heat ,Flame and contact with strong oxidizing agents

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Incompatibility (Materials to Avoid)  
Strong Oxidizers agents , heat , flames

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Hazardous Decomposition Products:: None

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Hazardous	May Occur	Conditions To Avoid
Polymerization	X Will Not Occur	None Known

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**Section VI Health And Toxicological Data****Route Of Entry**

Skin Contact: X	Skin Absorption: X	Eye Contact: X
Inhalation Acute: X	Inhalation Chronic:	Ingestion: X

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**Effects Of Acute Exposure**

Skin And Eyes: Contact With and eyes may cause irritation and skin de-fatting. Not irritation to eyes. Inhalation: Vapor may cause irritation to nose, throat, and respiratory track. High vapor may result in central nervous system depression.

Ingestion: Not a normal route to enter. Ingestion of product may result in vomiting. Aspiration of vomit into lungs must be avoided as even small quantities may result in aspiration lung.

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Effects Of Chronic Exposure: None

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**Carcinogenicity, Reproductive, Teratogenicity, Mutagenicity**

No Component Is Listed As A Carcinogen By NTP IARC, Or OSHA, Not Mutagenic. No Reproductive Or Teratogenic Properties Are Known Or Expected.

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**Emergency And First Aid Procedures**

Skin And Eyes: Flush Area With Large Quantities of water if irritation seek Medical Attention.

Ingestion: Do not induce vomiting, if it occurs keep head below hips. Get Medical Attention.

Inhalation: Remove To Fresh Air, Administer Artificial Respiration If Not Breathing.

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**Section VII Spill Or Leak Information****Steps To Be Taken If Material Is Released Or Spilled:**

Avoid sources of ignition. Wear appropriate respirator and clothing. Provide adequate ventilation absorb on paper clay sand etc. and place into non-leaking container and seal tightly for proper disposal. Flush area with water to remove trace residue dispose of flush solution as above . small spills take up with an absorbent material and place in non-leaking containers for proper disposal do not allow product to reach sewage system or any water course.

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**XTRACT (Non -Oily P.O.G. & General Purpose Stain Remover)****Waste Disposal Methods****Dispose of In Accordance With Federal, State And Local Regulation****Section VIII Special protection Information****Respiratory Protection (Specify)**

Self contained respirator None need in good ventilation. If TLV are exceeded, use suitable organic vapor mask.

**Ventilation (Mechanical - General, Local, Special)**

Where vapor can escape. Mechanical Adequate

**Gloves (Specify):** Use chemical resistant gloves. **Eye (Specify):** Safety Goggles or face shield**Other Protective Equipment**

Eye Wash Station, shower

**Section IX Special Precautions****Precautions To Be Taken In Handling And Storing**Store in cool dry place away from heat or flames. Keep Containers closed when not in use  
Minimize contact with skin . Avoid vapors do not cut , drill ,grind , weld near containers**Special Shipping Information**

DOT: NR (SEE DOTCOMBUSTIBLE EXEPTION 173,150,F,3)

UN : NR

**Sara Title III, Section 313 Release Reporting and Other Covered Regulations**

2-BUTOXY ETHANOL IS LISTED UNDER SARA TITLE III, SECTION 313, RELEASE REPORTING. SPILLS MAY BE REPORTABLE TO NATIONAL CENTER UNDER EPA-CWA SECTION 311, WATERWAY AND EPA-CERCLE (SUPERFUND) LAND, AIR, WATER.

ND = Not Applicable ND = No Data Available Ne = Not Established &lt; = Less Than &gt; = Greater Than

Each Customer Is Encouraged to Study This MSDS Carefully To Become Aware Of And Understand The Associated Material Hazards. Proper Reference Works Should Be Consulted, As Necessary, To Use and Understand The Contained Data. This MSDS Should Be Properly Routed To All Individuals Who Use Or May Come In Contact With This Product. Understand and Follow All Pertinent Employee And Community Right To Know Regulations.

We Believe That The Statements, Technical Information And Recommendations Contained Herein Are Reliable, But Given Without Warrantee Or

Guarantee Of Any Kind, Express Or Implied, And We Assume No Responsibility For Any Loss, Damage, Or Expense, Direct Or Consequential, Arising From Their Use.