

# MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION						
<b>NFPA Rating:</b> Health-2; Flammability-2; Reactivity-0; Special- - <b>Manufacturer's Name:</b> LYN DISTRIBUTING <b>Address:</b> 965 North Redwood Road North Salt Lake, Utah 84010			<b>HMIS Rating:</b> Health-2; Flammability-2; Reactivity-0; Personal Protection-B <b>DOT Hazard Classification:</b> Flammable Liquid 3 <b>Identity (trade name as used on label):</b> RINO CITRUS DEGREASER			
<b>Date Prepared:</b> 10/14/97 <b>Prepared By:</b> Stan <b>Information Calls:</b> (801)295-5022 <b>EMERGENCY RESPONSE NUMBER:</b> 1(800)366-5022			<b>MSDS Number:</b> <b>Revision:</b> 3 <b>NOTICE:</b> JUDGEMENT BASED ON INDIRECT TEST DATA			
SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION						
COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)		CAS Number	SARA III LIST	OSHA PEL (ppm)	ACGIH TLV (ppm)	Carcinogen Ref. Source **
MONOCYCLIC TERPENE		5989-27-5	No	N/E	N/E	d
BUTYL CELLOSOLVE		111-76-2	Yes	25	25	d
SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS						
<b>Boiling Point:</b> >340°F			<b>Specific Gravity (H2O=1):</b> .88			
<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): N/A			<b>Vapor Pressure (Non-Aerosols)(mm Hg and Temperature):</b> 5@100°C			
<b>Vapor Density (Air = 1):</b> 4.7			<b>Evaporation Rate ( Ether = 1):</b> <1			
<b>Solubility in Water:</b> Emulsifies			<b>Water Reactive:</b> Emulsifies			
<b>Appearance and Odor:</b> Clear fluid, orange color with citrus fragrance.						
SECTION 3 - FIRE AND EXPLOSION HAZARD DATA						
<b>FLAMMABILITY</b> as per USA FLAME PROJECTION TEST (aerosols) N/A		<b>Auto Ignition Temperature</b> N/A		<b>Flammability Limits in Air by % in Volume:</b> % LEL: .7      % UEL: 6.1		
<b>FLASH POINT AND METHOD USED (non-aerosols):</b> 115°F			<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Avoid use of water as it may spread flame. Class B fire procedures.			
<b>EXTINGUISHER MEDIA:</b> Dry powder, foam, carbon dioxide.						
<b>Unusual Fire &amp; Explosion Hazards:</b> Keep away from sparks and open flame.						
SECTION 4 - REACTIVITY HAZARD DATA						
<b>STABILITY</b> [ X ] STABLE [ ] UNSTABLE			<b>HAZARDOUS POLYMERIZATION</b> [ X ] MAY [ ] WILL NOT OCCUR			
<b>Incompatibility (Mat. to avoid):</b> Strong oxidizing agents, flame, elevated temperatures.			<b>Conditions to Avoid:</b> Polymerization catalysts such as aluminum chloride.			
<b>Hazardous Decomposition Products:</b> None known other than oxides of carbon.						
SECTION 5 - HEALTH HAZARD DATA						
<b>PRIMARY ROUTES OF ENTRY:</b> [ ] INHALATION [ X ] INGESTION [ X ] SKIN ABSORPTION [ X ] EYE [ ] NOT HAZARDOUS						
ACUTE EFFECTS						
<b>Inhalation:</b> Not considered harmful.						
<b>Eye Contact:</b> Corrosive to eyes.			<b>Skin Contact:</b> Irritant.			
<b>Ingestion:</b> May cause nausea, vomiting or diarrhea.						
<b>CHRONIC EFFECTS:</b> None identified.						
<b>Medical Conditions Generally Aggravated by Exposure:</b> None identified.						
EMERGENCY FIRST AID PROCEDURES						
<b>Eye Contact:</b> Flush with cool water for 15 minutes. If irritation persists, get medical attention.						
<b>Skin Contact:</b> Wash with soap and water for 15 minutes if irritation develops.						
<b>Inhalation:</b> Remove to fresh air.						
<b>Ingestion:</b> DO NOT INDUCE VOMITING. Drink large volume of milk or water. Get immediate medical attention.						
SECTION 6 - CONTROL AND PROTECTIVE MEASURES						
<b>Respiratory Protection (specify type):</b> Not normally required. If vapor level becomes high, use self-contained breathing mask.						
<b>Protective Gloves:</b> Chemical resistant.			<b>Eye Protection:</b> Splash goggles or faceshield.			
<b>Ventilation Requirements:</b> Local exhaust should be adequate.						
<b>Other Protective Clothing &amp; Equipment:</b> Usually not needed.						
<b>Hygienic Work Practices:</b> Do not eat, drink or smoke in work area. Wash hands after handling.						
SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE						
<b>Steps To Be Taken If Material Is Spilled Or Released:</b> Absorb on inert material & collect in suitable containers for disposal. Spills may be diluted 1:20 with water & washed down sanitary sewers.						
<b>Waste Disposal Methods:</b> Dispose of in accordance with all local, state and federal regulations.						
<b>Precautions To Be Taken in Handling &amp; Storage:</b> Store in original shipping containers. Keep closed when not in use. Shelf life 1 year. Protect from extreme heat and cold.						
<b>Other Precautions &amp;/or Special Hazards:</b> KEEP OUT OF REACH OF CHILDREN. Read & follow label directions. Do not allow fish or other wildlife to be directly exposed to undiluted product. Dilute 1:20 or more with water before flushing to fish bearing waterways.						

*We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.*

\*\* Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only