

# 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-4; Reactivity-0; Special-0		<b>HMIS Rating:</b> Health-2; Flammability-4; Reactivity-0; Personal Protection-B	
<b>Manufacturer's Name:</b> Lyn Distributing Address: 965 North Redwood Road North Salt Lake, Utah 84054		<b>DOT Hazard Classification:</b> ORM-D <b>Identity</b> (trade name as used on label): <b>CARBURETOR &amp; AUTOMATIC CHOKE CLEANER</b>	
<b>Date Prepared:</b> 04/12/93 <b>Prepared By:</b> stan Information Calls: (801) 295-5022		<b>MSDS Number:</b> <b>Revision:</b> 9	
<b>EMERGENCY RESPONSE NUMBER:</b> 1(800)366-5022		NOTICE: 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 **
TOLUENE	108-88-3	Yes	200	100	d
XYLENE	1330-20-7	Yes	100	100	d
METHYLENE CHLORIDE	75-09-2	Yes	100	50	a
ETHYLENE GLYCOL N-BUTYL ETHER	111-76-2	Yes	25	25	d
PROPANE	74-98-6	No	1000	1000	d
METHYL ETHYL KETONE	78-93-3	Yes	200	200	d
ISOPROPANOL	67-63-0	Yes	400	400	d
METHANOL	67-56-1	Yes	200	200	d
O-DICHLOROBENZENE	95-50-1	Yes	50	50	d

## SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

<b>Boiling Point:</b> N/A	<b>Specific Gravity (H2O=1):</b> Concentrate Only = 0.935
<b>Vapor Pressure:</b> PSIG @ 70°F (Aerosols): Max.60	<b>Vapor Pressure (Non-Aerosols)(mm Hg and Temperature):</b> N/A
<b>Vapor Density (Air = 1):</b> N/E	<b>Evaporation Rate ( = 1):</b> N/E
<b>Solubility in Water:</b> Partial	<b>Water Reactive:</b> No
<b>Appearance and Odor:</b> Clear liquid, with aromatic solvent odor.	

## SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

<b>FLAMMABILITY</b> as per USA FLAME PROJECTION TEST (aerosols) <b>FLAMMABLE</b>	<b>Auto Ignition Temperature:</b> N/E	<b>Flammability Limits in Air by % in Volume:</b> % LEL: N/E      % UEL: N/E
<b>FLASH POINT AND METHOD USED (non-aerosols):</b> N/A	<b>EXTINGUISHER MEDIA:</b> Foam, dry chemical, carbon dioxide.	
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Self-contained breathing apparatus.		
<b>Unusual Fire &amp; Explosion Hazards:</b> Do not expose aerosols to temperatures above 130°F or the container may rupture.		

## SECTION 4 - REACTIVITY HAZARD DATA

<b>STABILITY</b> <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	<b>HAZARDOUS POLYMERIZATION</b> <input type="checkbox"/> WILL <input checked="" type="checkbox"/> WILL NOT OCCUR
<b>Incompatibility (Mat. to avoid):</b> Acids and strong oxidizing agents.	<b>Conditions to Avoid:</b> Open flame, welding arcs, heat, sparks.
<b>Hazardous Decomposition Products:</b> CO, CO2, HCl, and small amounts of phosgene and chlorine.	

## SECTION 5 - HEALTH HAZARD DATA

**PRIMARY ROUTES OF ENTRY:**  INHALATION  INGESTION  SKIN ABSORPTION  EYE  NOT HAZARDOUS

<b>ACUTE EFFECTS:</b>	
<b>Inhalation:</b> Excessive inhalation of vapors can be harmful and may cause headache, dizziness, asphyxia, anesthetic effects and possible unconsciousness.	
<b>Eye Contact:</b> Will cause irritation.	<b>Skin Contact:</b> Possible mild irritation due to defatting of skin from combined solvents.
<b>Ingestion:</b> Possible chemical pneumonitis if aspirated into lungs. Nausea.	
<b>CHRONIC EFFECTS:</b> (Effects due to excessive exposure to the raw materials of this mixture) May cause elevated carboxyhemoglobin levels, neural dysfunction, kidney damage, eye damage, liver abnormalities, cardiac abnormalities. Lab animals have experienced anemia, liver, kidney, lung, blood damage to Glycol Ether EB.	
<b>Medical Conditions Generally Aggravated by Exposure:</b> May aggravate existing eye, skin, or upper respiratory conditions.	

## EMERGENCY FIRST AID PROCEDURES

<b>Eye Contact:</b> Flush with water for 15 minutes. If irritated, seek medical attention.
<b>Skin Contact:</b> Wash with soap and water. If irritated, seek medical attention.
<b>Inhalation:</b> Remove to fresh air. Resuscitate if necessary. Get medical attention.
<b>Ingestion:</b> DO NOT INDUCE VOMITING. Drink two large glasses of water. Get immediate medical attention.

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

<b>Respiratory Protection (specify type):</b> If vapor concentration exceeds TLV, use respirator approved by U.S.Bureau of Mines for organic vapor.	
<b>Protective Gloves:</b> Neoprene recommended.	<b>Eye Protection:</b> Safety glasses recommended.
<b>Ventilation Requirements:</b> Adequate ventilation to keep vapor concentration below TLV.	
<b>Other Protective Clothing &amp; Equipment:</b> None	
<b>Hygienic Work Practices:</b> Wash with soap and water before handling food. Remove contaminated clothing.	

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

<b>Steps To Be Taken If Material Is Spilled Or Released:</b> Absorb with suitable medium. Incinerate or landfill according to local, state or Federal regulations. Prevent from entering drains or sewers.
<b>Waste Disposal Methods:</b> Aerosol cans when vented to atmospheric pressure through normal use, pose no disposal hazard.
<b>Precautions To Be Taken In Handling &amp; Storage:</b> Do not puncture or incinerate containers. Do not store at temperatures above 130°F.
<b>Other Precautions &amp;/or Special Hazards:</b> KEEP OUT OF REACH OF CHILDREN. Avoid food contamination. Avoid inhalation of spray mist. Remove ignition sources.

*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