

HILLSBORO ELEMENTARY SCHOOLS215 S.E. 5th Ave.
HILLSBORO, OR 97123MATERIAL SAFETY DATA SHEET CM 0043MANUFACTURER: Moraine Ind. Inc.
P.O. Box 678
Oconomowoc, Wi. 53066EMERGENCY TELEPHONE NO:
(414) 567-7523
1-(800)-424-9300 Chemtrec-----
SECTION I. MATERIAL IDENTIFICATIONCommon/Trade Name: Homelite 32:1 Engine Oil
Chemical Name: Not given
Chemical Family: Not given

SECTION II. HAZARDOUS INGREDIENTS

Ingredients:	%	TLV Units
Petroleum Distillate	14%	Not given
May be harmful or fatal if swallowed		

SECTION III. PHYSICAL DATA

Boiling Point (°F):	Not given	Specific Gravity (Water=1):	.86
Vapor Pressure (mm Hg):	Less than 0.01	Percent Volatile (By volume):	14
Vapor Density (Air=1):	Not given		
Solubility in Water:	Negligible	Evaporation Rate (Bu.Ac. = 1):	Not given
Appearance and Odor:	Blue/green liquid, mild petroleum odor		

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point:	165 °F COC	Flammable Limits:	N/A
Extinguishing Media:	Foam, dry chemical, CO2, water spray or fog		
Special Fire Fighting Procedures:	Use air supplied equipment in enclosed area. Cool exposed containers.		
Unusual Fire and Explosion Hazards:	Do not mix or store with strong oxidants.		

SECTION V. HEALTH HAZARD DATA

Threshold Limit Value:	5 mg/m ³
Effects of Overexposure:	
Eyes:	Not given
Skin:	Irritant
Breathing:	Not given
Swallowing:	Not given

Emergency and First Aid Procedures:

Eyes: Flush eyes with plenty of water for at least 15 minutes. Call a doctor
Skin: Wash thoroughly after handling
Breathing: Not given
Swallowing: Not given

SECTION VI. REACTIVITY DATA

Stability: Stable
Conditions To Avoid: Avoid excessive heat and strong oxidizers
Incompatible With: Avoid strong oxidizing agents
Hazardous Decomposition Products: Normal combustion - CO₂, oxides of sulphur
Hazardous Polymerization: Will not occur
Conditions To Avoid: Not given

SECTION VII. SPILL OR LEAK PROCEDURES

Procedures In Case of Spill or Leak: Handle as oil spill
Waste Disposal: Controlled incineration

SECTION VIII. SPECIAL PROTECTION INFORMATION

Type of Respiratory Protection: N/a
Ventilation: Mechanical exhaust
Protective Gloves: Impervious material
Eye Protection: Face mask or safety goggles
Other Protective Equipment: Impervious outer clothing

SECTION IX. SPECIAL PRECAUTIONS

Handling/Storage Precautions: Do not store above 160°F
Other Precautions: Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Wash thoroughly after contact.