

Libriscant

BLUE CORAL/SLICK 50
5300 HARVARD AVENUE
CLEVELAND, OH 44105

MATERIAL SAFETY
DATA SHEET
43601055

IDENTITY (As Listed on Label and Label)	MSDS NUMBER
Slick 50 One Lube	436 -43712012, 4360412

SECTION I

MANUFACTURER'S NAME	EMERGENCY TELEPHONE NUMBER
Blue Coral-Slick 50, Ltd.	(216) 641-5490
ADDRESS (Number, Street, City, State, and ZIP Code)	TELEPHONE NUMBER FOR INFORMATION
1215 Valley Belt Road	(216) 641-5490
Cleveland, OH 44131	DATE PREPARED
	8/25/98
	SIGNATURE OF PREPARER (Optional)

SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS INGREDIENTS	IDENTIFIER	CONCENTRATION	PERCENTAGE
Petroleum Oil	64742-54-7	5.0 mg/m³	90-96
	800205-9	N/E	N/E
Proprietary Chemicals	MIXTURE		4-5

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	640 F	SPECIFIC GRAVITY (H ₂ O = 1)	0.863
VAPOR PRESSURE (mm Hg)	N/E	MELTING POINT	N/E
VAPOR DENSITY (AIR = 1)	>1.0	EVAPORATION RATE (Butyl Acetate = 1)	<1.0
SOLUBILITY IN WATER	Negligible	DH	N/E
APPEARANCE AND ODOR	Hazy straw colored liquid.		

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used)	FLAMMABLE LIMITS	LEL	UEL
230 F		N/E	N/E
EXTINGUISHING MEDIA			
Foam, carbon dioxide and dry chemical.			
SPECIAL FIRE FIGHTING PROCEDURES			
Self-contained breathing supply.			

UNUSUAL FIRE AND EXPLOSION HAZARDS

Use caution when handling around heat, sparks, pilot lights, static electricity or open flame.

SECTION V: REACTIVITY DATA

STABILITY	UNSTABLE	STABLE	CONDITIONS TO AVOID
		X	
INCOMPATIBILITY (Materials to Avoid)			
Strong oxidizing materials			
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS			
Carbon dioxide and aldehydes			
HAZARDOUS	MAY OCCUR	WILL NOT OCCUR	CONDITIONS TO AVOID
POLYMERIZATION		X	

SECTION VI: HEALTH HAZARD DATA

HEALTH HAZARDS (Acute or Chronic)	
Eye and skin irritant.	
SIGNS AND SYMPTOMS OF EXPOSURE	
Prolonged contact with skin may cause dermatitis or dry the skin.	

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE
None

EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush with large amounts of water for 15 minutes or until irritation subsides.

Obtain medical assistance if irritation persists.

Skin: Remove contaminated clothing and wash skin with soap and water.

Ingestion: DO NOT INDUCE VOMITING. Obtain medical assistance.

Inhalation: If exposed to vapor from hot product and overcome, remove from exposure to fresh air and obtain medical assistance.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Recover free product. Add sand, earth or other suitable absorbent material to spill area.

Keep product out of sewers and water courses by diking and impounding.

WASTE DISPOSAL METHOD

Dispose of in accordance with Federal, State and Local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Do not store below 150 F, keep away from high heat or flames.

DO NOT store in proximity of strong oxidizers; avoid contact with oxygen,

calcium hypochlorite, sodium hypochlorite and chlorine.

OTHER PRECAUTIONS

KEEP AWAY FROM CHILDREN.

SECTION VIII: CONTROL MEASURES

RESPIRATORY PROTECTION (Specify Type)

Use local exhaust.

VENTILATION	LOCAL EXHAUST		MECHANICAL (General)
	Recommended	SPECIAL	
		None	None
PROTECTIVE GLOVES		EYE PROTECTION	OTHER
Chemical-resistant gloves.		Goggles	None
WORK/HYGIENIC PRACTICES			OTHER PROTECTIVE CLOTHING OR EQUIPMENT
			None required when used as intended.

Use normal hygienic practices.

SECTION IX: UNIFORM HANDLING AND SHIPPING INFORMATION

	HMIS	NFPA	DOT PROPER SHIPPING NAME	NONE
			DOT HAZARD CLASS	N/A
Health	1	1	DOT I.D. NUMBER	N/A
Flammability	1	1	IATA PROPER SHIPPING NAME	NONE
Reactivity	0	0	IATA HAZARD CLASS	N/A
			IMO NUMBER	N/A

SEP-21-1999 16:28
MAY-17-1999 14:51

HEALTH SERVICES
BLUE CORAL/SLICK 50

713 546 4876 P.01
12166418617 P.04/07

BLUE CORAL/SLICK 50
5300 HARVARD AVENUE
CLEVELAND, OH 44105

43712012new
**MATERIAL SAFETY
DATA SHEET**

IDENTITY (As Used on Label and List) One Lube Aerosol	STOCK NUMBER 43712012
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SECTION I

MANUFACTURER'S NAME Blue Coral/Slick 50	EMERGENCY TELEPHONE NUMBER (216) 641-5490
ADDRESS (Number, Street, City, State, and ZIP Code) 5300 Harvard Avenue	TELEPHONE NUMBER FOR INFORMATION (216) 641-5490
Cleveland, OH 44105	DATE PREPARED 6/30/98
	SIGNATURE OF PREPARER (Optional)

SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS	CAS NUMBER	OSHA PEL	ACGIH TLV	% OPTIONAL
Petroleum Oil, Paraffinic Oil	64742-65-0	5.0 MG/M3 (mist)		>50
Heptane	142-82-5	400PPM	400PPM	10-25
Carbon Dioxide	124-38-9	10,000PP	5000PPM	2

SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	208 F -500 F	SPECIFIC GRAVITY (H2O = 1)	0.83
VAPOR PRESSURE (mm Hg.)	N/A	MELTING POINT	N/A
VAPOR DENSITY (AIR = 1)	>1	EVAPORATION RATE (Butyl Acetate = 1)	Slower than ether
SOLUBILITY IN WATER	Nil	pH	N/A

APPEARANCE AND ODOR

Aerosol Product

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used) 18 F TCC	FLAMMABLE LIMITS	LEL 1	UEL 10
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EXTINGUISHING MEDIA

Carbon dioxide, dry chemical, and or foam.

SPECIAL FIRE FIGHTING PROCEDURES

Closed containers may explode from internal pressure build up when exposed to extreme heat and discharge contents.

Vapor accumulation can flash or explode if ignited.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Water may be ineffective - water may be used to keep fire exposed containers cool.

SECTION V: REACTIVITY DATA

STABILITY	UNSTABLE	STABLE X	CONDITIONS TO AVOID Application to hot surfaces. Exposure to open flame. Storage above 120°F.
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INCOMPATIBILITY (Materials to Avoid)

Applications to hot surfaces. Storage above 120 F. Exposure to open flame. Strong Oxidizers

43712012new

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS

May produce fumes when heated to decomposition. Fumes may contain carbon monoxide.

HAZARDOUS

MAY OCCUR

WILL NOT OCCUR

CONDITIONS TO AVOID

POLYMERIZATION

X

None known to Blue Coral/Slick 50.

SECTION VI: HEALTH HAZARD DATA

HEALTH HAZARDS (Acute or Chronic)

Eye irritant, possible skin irritant.

SIGNS AND SYMPTOMS OF EXPOSURE

Respiratory irritation, headache, nausea, fatigue, drowsiness, impaired coordination.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Skin contact may dry skin and irritate.

EMERGENCY AND FIRST AID PROCEDURES

SKIN CONTACT: Wash skin with soap and water.

EYE CONTACT: Remove contact lenses and flush eye for 15 minutes, if irritation persists contact physician.

INHALATION: Remove to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing.

INGESTION: Do NOT induce vomiting. Call Physician immediately.

SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition, ventilate area, avoid breathing vapors and remove with inert absorbent.

WASTE DISPOSAL METHOD

Do not incinerate. Apply inert absorbent, place in closed containers and dispose of according to Local, State and or Federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store and use in cool, dry, well-ventilated areas. Do not store above 120°F. Aerosol level 3.

OTHER PRECAUTIONS

Keep away from children. Do not puncture or incinerate.

SECTION VIII: CONTROL MEASURES

RESPIRATORY PROTECTION (Specify Type)

If personal exposure cannot be controlled below applicable limits by ventilation wear a properly fitted respirator

approved by NIOSH MSHA for protection.

VENTILATION

LOCAL EXHAUST

Recommended

MECHANICAL (General)

N/A

SPECIAL

OTHER

N/A

PROTECTIVE GLOVES

EYE PROTECTION

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Recommended: solvent-resistant

Safety glasses

N/A

WORK/HYGIENIC PRACTICES

Do not store near food or drink. Wash exposed skin for hygienic purposes.

SECTION IX: UNIFORM HANDLING AND SHIPPING INFORMATION

Do not store above 120°F. Keep at room temperature as exposure to direct sunlight or heat may cause bursting.

	HMS	NFPA	DOT PROPER SHIPPING NAME	ORM-D consumer commodity
Health	1	1	DOT HAZARD CLASS	N/A
Flammability	2	2	DOT I.D. NUMBER	N/A
Reactivity	0	0	IATA PROPER SHIPPING NAME	Aerosols, Flammable, N.O.S. class 2, 1, UN 1950
		None	IATA HAZARD CLASS	2.1
Hazardous Rating Key:			IMO NUMBER	NE

0= Insignificant; 1= Slight; 2=Moderate; 3= High; 4= Extreme

(1) Hazardous materials identification system (National paint and coating association) rating applies to product "as packaged" ambient temperature.

(2) National fire protection association rating identifies the severity of hazardous of material during a fire emergency i.e. "on fire"