



-----  
INSL-X PRODUCTS CORPORATION  
MATERIAL SAFETY DATA SHEET

1C.201

-----  
ACGIH TLV/TWA: 50 ppm - TWA (Skin)  
ACGIH TLV/STEL: 150 ppm - STEL (Skin)  
OSHA PEL/TWA: 200 ppm - TWA  
OSHA STEL: 150 ppm  
OSHA CEILING: 300 ppm  
LD50: Oral (Rat) - 636 mg/kg  
CA PROPOSITION 65: Yes  
-----

5

CAS# 67-63-0  
ISOPROPYL ALCOHOL  
PCT BY WT: 5 - 10 VAPOR PRESSURE: 33.000 MMHG @ 68F  
EXPOSURE LIMIT:  
ACGIH TLV/TWA: 400 ppm - TWA  
ACGIH TLV/STEL: 500 ppm - STEL  
OSHA PEL/TWA: 400 ppm - TWA  
OSHA STEL: 500 ppm  
LC50: Rat (8 Hrs) - > 12,000 ppm  
LD50: Oral (Rat) - 5840 mg/kg  
-----

6

CAS# 71-36-3  
BUTANOL  
PCT BY WT: 2.3570 VAPOR PRESSURE: 4.400 MMHG @ 68F  
EXPOSURE LIMIT:  
ACGIH TLV/STEL: C 50 ppm (Skin) - STEL  
OSHA PEL/TWA: 100 ppm - TWA  
OSHA CEILING: PEL: 50 ppm (Skin)  
LC50: Inhalation (Rat, 4 Hr.)- > 8000 ppm  
LD50: Oral (Rat)- 2.5 g/kg  
-----

7 ACETONE

CAS# 67-64-1  
2-PROPANONE  
PCT BY WT: 20 - 25  
EXPOSURE LIMIT:  
ACGIH TLV/TWA: TWA 500 ppm  
ACGIH TLV/STEL: STEL 750 ppm  
OSHA PEL/TWA: TWA 750 ppm  
OSHA STEL: 1000 ppm  
LC50: Inhalation (Rat)- >16,000 ppm/4Hrs  
LD50: Oral (Rat): 6715 - 8453 mg/kg  
CA PROPOSITION 65: No  
-----

8 ISOBUTYL ACETATE

CAS# 110-19-0  
2-METHYLPROPYL ACETATE  
PCT BY WT: 15 - 20 VAPOR PRESSURE: 18.000 MMHG @ 68F  
EXPOSURE LIMIT:  
ACGIH TLV/TWA: TWA 150 ppm  
-----

OSHA PEL/TWA:

TWA 150 ppm

-----  
INSL-X PRODUCTS CORPORATION  
MATERIAL SAFETY DATA SHEET

1C.201

-----  
LC50: Inhalation (Rat, 4Hr.): 3500-3800 ppm  
LD50: Oral (Rat)- > 4350 mg/kg  
-----

9

CAS# 100-41-4

ETHYLBENZENE

PCT BY WT: .5080 VAPOR PRESSURE: 7.000 MMHG @ 68F

EXPOSURE LIMIT:

ACGIH TLV/TWA: TWA 100 ppm  
ACGIH TLV/STEL: STEL 25 ppm  
OSHA PEL/TWA: TWA 100 ppm  
OSHA STEL: 125 ppm  
LD50: Oral, Rat - 3500 mg/kg  
CA PROPOSITION 65: Yes

-----  
\*\*\*\*\*  
This product contains one or more reported carcinogens or suspected  
carcinogens which are noted in Section 3, Hazards Identification,  
CARCINOGENICITY.  
\*\*\*\*\*

\*\*\*\*\*  
This product contains one or more Hazardous Air Pollutants.  
\*\*\*\*\*

\*\*\*\*\*  
This product contains pigments, which may become a dust nuisance when  
removed by abrasive blasting, sanding, or grinding.  
\*\*\*\*\*

\*\*\*\*\*  
This product contains one or more reported or suspected reproductive  
toxins.  
\*\*\*\*\*  
-----

SECTION 3 - HAZARDS IDENTIFICATION

-----  
POTENTIAL HEALTH EFFECTS

EYES: Causes eye irritation.

SKIN: Prolonged or repeated skin contact may cause drying, cracking  
or irritation.

INHALATION: High vapor concentrations may cause drowsiness and  
irritation of the eyes or respiratory tract.

INGESTION: Swallowing small amounts of this product during normal  
handling is not likely to cause harmful effects, but  
swallowing large amounts may be harmful.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Any pre-existing respiratory or eye/skin conditions.

POSSIBLE ROUTES OF ENTRY

Inhalation, ingestion, skin absorption.



-----  
INSL-X PRODUCTS CORPORATION  
MATERIAL SAFETY DATA SHEET

1C.201

-----  
Water spray, dry chemical, carbon dioxide (CO2), alcohol foam  
SPECIAL FIRE-FIGHTING PROCEDURES

Wear self-contained breathing apparatus and protective clothing. USE WATER WITH CAUTION. The fire could easily be spread by the use of water in an area where the water could not be contained. Use water spray to keep fire-exposed containers cool. Water may be ineffective in fighting the fire.

HAZARDOUS DECOMPOSITION

May form: carbon dioxide and carbon monoxide.

UNUSUAL FIRE AND EXPLOSION HAZARDS

FLAMMABLE. Vapors may cause a flash fire or ignite explosively. Vapors may travel considerable distance to a source of ignition and flash back. Prevent build-up of vapors or gases to explosive concentrations.

-----  
SECTION 6 - ACCIDENTAL RELEASE MEASURES

-----  
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition (flame, hot surfaces and sources of electrical, static or frictional sparks). Avoid breathing vapors. Ventilate area. For large spills, use water spray to disperse vapors and dilute spill to a nonflammable mixture. Prevent runoff from entering drains, sewers, or streams.

CLEAN-UP

Absorb liquid on vermiculite, floor absorbent or other absorbent material.

-----  
SECTION 7 - HANDLING AND STORAGE

-----  
HANDLING

Keep away from heat, sparks and open flame. Use only with adequate ventilation. Keep from contact with oxidizing materials. Comply with all national, state, and local codes pertaining to the storage, handling dispensing and disposal of flammable liquids.

STORAGE

Keep container tightly closed. Keep container in a well-ventilated place.

SPECIAL COMMENTS

Avoid contact with eyes and prolonged or repeated contact with skin. Avoid breathing high vapor concentrations. Wash thoroughly after handling.

-----  
INSL-X PRODUCTS CORPORATION  
MATERIAL SAFETY DATA SHEET  
-----

1C.201  
-----

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION  
-----

VENTILATION

Use exhaust ventilation to keep airborne concentrations below exposure limits.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH for protection against chemicals in Sections (2 &/or 15).

EYE PROTECTION

Use safety eyewear with splashguards and side shields.

SKIN PROTECTION

For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn.  
-----

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES  
-----

Physical State . . . . .	: LIQUID
Vapor Pressure . . . . .	: 33.00
Vapor Density . . . . .	: 4.00
Boiling Point Range . . . . .	: Lower - 133.0 °F
	: Higher - 285.0 °F
Specific Gravity . . . . .	: .856
Weight per Volume . . . . .	: 7.1279 LB/GL
VOC - Total (lbs./gal) . . . . .	: 5.622
Evaporation Rate . . . . .	: 5.700 (n-Butyl Acetate = 1)
Volatile by Weight . . . . .	: 82.2685
Volatile by Volume . . . . .	: 87.3436

-----

SECTION 10 - STABILITY AND REACTIVITY  
-----

STABILITY

This product is stable.

INCOMPATIBILITIES (Materials to Avoid)

This product can react violently with strong oxidizing agents and strong acids.

HAZARDOUS POLYMERIZATION

Will not occur.

CONDITIONS TO AVOID

High temperatures.

HAZARDOUS DECOMPOSITION

-----  
INSL-X PRODUCTS CORPORATION  
MATERIAL SAFETY DATA SHEET

1C.201

-----  
May form: carbon dioxide and carbon monoxide.  
-----

SECTION 11 - TOXICOLOGICAL INFORMATION

-----  
No data at this time.  
-----

SECTION 12 - ECOLOGICAL INFORMATION

-----  
No data at this time.  
-----

SECTION 13 - DISPOSAL CONSIDERATIONS

-----  
WASTE DISPOSAL

Discharge, treatment, or disposal may be subject to national, state or local laws. Mix with compatible chemical, which is less flammable and incinerate.

Since emptied containers retain product residue, follow label warnings even after container is emptied. Residual vapors may explode on ignition; do not cut, drill, grind, or weld on or near this container.

-----  
SECTION 14 - TRANSPORT INFORMATION

-----  
DOT HAZARD CLASS . . . . . : 3  
DOT PACKAGING GROUP . . . . . : PG II  
DOT LABEL . . . . . : FLAMMABLE LIQUID  
DOT SHIPPING NAME . . . . . : PAINT  
DOT PLACARD . . . . . : FLAMMABLE LIQUID  
UN/NA NUMBER . . . . . : UN1263  
-----

SECTION 15 - REGULATORY INFORMATION

-----  
U.S. FEDERAL REGULATORY INFORMATION

TSCA SECTION 8(b) - INVENTORY STATUS:

All components of this product are either listed on the U.S. Toxic Substances Control Act (TSCA) inventory of chemicals or are otherwise compliant with TSCA Regulations.

SARA 313 TOXIC CHEMICALS:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

OCTADECANOIC ACID, ZINC SALT  
CAS# 557-05-1 PCT BY WT: 1.0840  
-----

-----  
INSL-X PRODUCTS CORPORATION  
MATERIAL SAFETY DATA SHEET  
-----

1C.201  
-----

XYLENE (MIXED ISOMERS)

CAS# 1330-20-7 PCT BY WT: 2.0050  
-----

TOLUENE

CAS# 108-88-3 PCT BY WT: 11.4120  
-----

BUTANOL

CAS# 71-36-3 PCT BY WT: 2.3570  
-----

ETHYLBENZENE

CAS# 100-41-4 PCT BY WT: .5080  
-----  
-----

SECTION 16 - OTHER INFORMATION  
-----

Prepared by . . . . . :  
Date of issue . . . . . : 11/28/2005  
Last Revision Date . . . . . : 06/13/2005  
MSDS Prepared for . . . . . :  
MSDS Last Prepared . . . . . : NONE  
HMIS Rating: Health- 3 Flammability- 3  
Reactivity- 2

\*\*\*\*\*

This Material Safety Data Sheet conforms to the Hazard Communication Standard, 29 CFR 1910.1200(g) (4).

The above information pertains to this product as currently formulated and is based on the information available, as of this date. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

\*\*\*\*\*

Abbreviations used: int.- interior; ext.- exterior; MSDS - Material Safety Data Sheet; HMIS - Hazardous Materials Information System; CAS - Chemical Abstracts Services; pct - percent; wt - weight; mm Hg - millimeters of mercury; F - Fahrenheit; ACGIH - American Conference of Governmental Industrial Hygienists; TLV - Threshold Limit Value; OSHA - Occupational Safety and Health Administration; PEL - Permissible Exposure Limit; TWA - Time-Weighted Average; STEL- Short Term Exposure Limit; N/A- Not applicable IARC - International Agency for Research on Cancer; NE - Not established NTP - National Toxicological Program; CFR - Code of Federal Regulations; OSHA - Z 29CFR 1910, Subpart Z; VOC - Volatile Organic Compounds; TCC - Tag Closed Cup; LEL - Lower Explosive Limit; Mg/m3 or Mg/Cu M - milligram per cubic meter; mppcf - millions of particles per cubic foot; ppm - parts per million; NIOSH - National Institute of Occupational Safety and Health; MSHA - Mine Safety and Health Administration; CNS - Central Nervous System.

□