



SAFETY DATA SHEET

This SDS complies with REACH 1907/2006 and 2001/58/EC, GHS REVISION 5, OSHA 29CFR 1910.1200

Section 1: Chemical Product and Company Identification

MANUFACTURER'S NAME
iXL Technologies, LLC
2719 N. Parkland Blvd
Pleasant View, Utah 84404

Safety Data Sheet Competent Person:

DATE PREPARED: July 23, 2015

EMERGENCY TELEPHONE
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REVISION DATE: July 24, 2015

PRODUCT NAME: **iXL Gold Lubricant (aerosol)**
FORMULA: Preparation/Mixture
PRODUCT USE: Aerosol penetrating lubricant for machines and bonded parts

Section 2: Hazards Identification

GHS Hazard Class

Signal word:		
Hazard Statement:		Flammable Gases -- Category 1 Aspiration hazard -- Category 1
	Danger	 
	H304:	May be fatal if swallowed and enters airways
	H220:	Extremely flammable gas
	H340:	May cause genetic defects
	H350:	May cause cancer
Precautionary Statements:	Prevention	P210: Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources – NO smoking. P201: Obtain special instructions before use. P202: Do not handle until all safety precautions have been read and understood. P280: Wear protective gloves/protective clothing/eye protection/face protection.
	Response	P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor. P308 + P313: IF exposed or concerned: Get medical advice/attention
	Storage	P377: Leaking gas fire: Do not extinguish unless leak can be stopped safely.
	Disposal	P403+P233+P235: Store in a well ventilated place. Keep container tightly closed. Keep cool. P405: Store locked up. P501: Waste from Residues and Unused Products: Follow the waste disposal requirements of your country, state, or local authorities.

Hazards not otherwise classified (HNOC) or not covered by GHS - None

HAZARD CLASSIFICATION:

Flammable gas (based on IATA, IMDG and DOT)

FIRE AND EXPLOSION:

Product emits irritating, corrosive, and/or toxic fumes when burned.

POTENTIAL HEALTH EFFECTS:

<1 % of mixture consists of ingredients of unknown acute toxicity

APPEARANCE:

Transparent/Yellow

NFPA Rating:

Component	Health (Blue)	Flammability (Red)	Reactivity (Yellow)	Special (White)
Propane	1	3	0	----



Section 3: Composition, Information on Ingredients

PRODUCT COMPOSITION	APPROX %	CAS NO.	EC NO.	CANADA DSL
Distillates (Petroleum), Hydrotreated Light	30-40	64742-47-8	265-149-8	Y
Propane	8-10	74-98-6	200-827-9	Y
Naphtha (Petroleum), Hydrotreated Heavy	8-10	64742-48-9	265-150-3	Y
Non-hazardous and other components below reportable levels	40-60	-	-	-

Some items on this SDS may be designated as trade secrets (TS). Bonafide requests for disclosure of trade secret information to medical personnel must be made in accordance with the provisions contained in 29 CFR 1910.1200 I 1-13.

Section 4: First Aid Measures

Description of First Aid Measures

Inhalation	If symptoms develop move victim to fresh air. Get medical attention if symptoms persist.
Skin Contact	Take off immediately all contaminated clothing. Wash off with warm water and soap. Get medical attention if irritation develops and persists.
Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion	If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not induce vomiting without advice from poison control center. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Most important symptoms and effects, both acute and delayed

Symptoms/Injuries after Inhalation	Intentional misuse by concentrating and inhaling the product can be harmful or fatal. Prolonged inhalation may be harmful.
Symptoms/Injuries after Skin Contact	Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.
Symptoms/Injuries after Eye Contact	Contact with eyes may cause irritation.
Symptoms/Injuries after Ingestion	Exposure by ingestion of an aerosol is unlikely. Components of the product may be absorbed into the body by ingestion

Indication of any immediate medical attention and special treatment needed

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately.

Section 5: Fire-fighting Measures

Suitable extinguishing media	Use foam, dry chemical, or carbon dioxide.
Special hazards arising from the substance or mixture	Fire may produce irritating, corrosive and/or toxic gases.
Protective actions fire-fighters	Wear standard protective equipment and self contained breathing apparatus for firefighting if necessary.
Further information	In case of fire and/or explosion do not breathe fumes. Use water spray to cool unopened containers.

Section 6: Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures

Wear proper personal protective equipment. Avoid breathing vapors or mist.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Prevent spills or contaminated rinse water from entering sewers or watercourses.



Methods and materials for containment and cleaning up

In case of small spills, Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Place in a chemical waste container. In case of large spills, dike the spill, if possible. Call emergency services. Absorb the chemical.

Reference to other Sections For personal protection reference section 8. For disposal reference section 13.

Section 7: Handling and Storage

Precautions for safe handling

Pressurized container
Do not pierce or burn, even after use
Do not smoke while using or until surface is thoroughly dry
Do not use if spray button is missing or defective
Do not re-use empty containers
Wear personal protective equipment
Avoid prolonged exposure
Keep away from heat, sparks, flame, direct sunlight, and other possible sources of ignition
Use only with adequate ventilation
Do not inhale vapors
Avoid spilling and releasing vapor
Avoid contact with skin, eyes, or clothing
Wash hands and face after handling this material
Appropriate container should be used for disposal
For precautions see section 2

Conditions for safe storage, including any incompatibilities

Store upright in a cool, dry place
Keep away from heat, sparks, flame, direct sunlight, and other possible sources of ignition
Keep away from food, drink, and animal feedingstuffs
Utilize chemical segregation
Follow all applicable local regulations for handling and storage

Specific uses

Aerosol penetrating lubricant for machines and bonded parts

Section 8: Exposure Controls/Personal Protection

Control Parameters

PRODUCT COMPOSITION	CAS	ACGIH TLV	OSHA PEL	NIOSH REL
Synthetic Isoparaffinic Hydrocarbon	6472-47-8	--	--	--
Propane	74-98-6	TWA 1000 ppm (1800 mg/m ³)	TWA 1000 ppm (1800 mg/m ³)	TWA 1000 ppm (1800 mg/m ³)
Odorless Mineral Spirits	64742-48-9	--	TWA 500 ppm (2000 mg/m ³)	TWA 350 mg/m ³ C 1800 mg/m ³

Exposure controls

VENTILATION:

Always provide good general, mechanical room ventilation where this chemical/material is used.

SPECIAL VENTILATION CONTROLS:

Use this material inside totally enclosed equipment, or use it with local exhaust ventilation at points where vapors can be released into the workspace air.

RESPIRATORY PROTECTION:

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or the CEN European Standards (EU). Use a NIOSH/MSHA or European Standard (EN) approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.



PROTECTIVE GLOVES:

Neoprene, butyl, or nitrile rubber gloves are recommended.

EYE PROTECTION:

Recommend eye protection using goggles.

SKIN PROTECTION:

Wear appropriate chemical resistant clothing.

WORK/HYGIENE PRACTICES:

Avoid breathing vapor. Avoid contact with skin and eyes.

OTHER EQUIPMENT:

Wash hands after handling.
Make safety shower, eyewash stations, and hand washing equipment available in the work area.

Section 9: Physical and Chemical Properties

PRODUCT CRITERIA	
APPEARANCE - COLOR:	Transparent/Yellow
PHYSICAL STATE:	Liquid
ODOR:	Petroleum
ODOR THRESHOLD	No data available
PH	No data available
MELTING POINT/FREEZING POINT:	No data available
INITIAL BOILING POINT AND BOILING RANGE:	92°C (197.6 °F) estimated
FLASH POINT:	49°C (121°F) estimated
EVAPORATION RATE:	No data available
FLAMMABILITY (Solid, gas)	27.44 kJ/g estimated
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS	Not Measured
VAPOR PRESSURE	45-65 psig @ 70°F
VAPOR DENSITY (AIR = 1)	0.8789 g/cm3 estimated
SPECIFIC GRAVITY (@25 °C):	0.879 estimated
SOLUBILITY(IES)	Partially soluble in water
OXIDIZING PROPERTIES	No data available
PARTITION COEFFICIENT: n-octanol/water	No data available
AUTO IGNITION TEMPERATURE	No data available
DECOMPOSITION TEMPERATURE	No data available
VISCOOSITY	No data available

Section 10: Stability and Reactivity

Reactivity: Not reactive.

Chemical Stability: Stable

Possibility of Hazardous Reactions: Risk of ignition

Conditions to Avoid: Heat flames and sparks. Aerosol containers are unstable at temperatures above 49°C.

Incompatibility (Materials to Avoid): Strong oxidizers

Hazardous Decomposition Products: None

Section 11: Toxicological Information

GHS Required Criteria	Toxicity Criteria	Toxicity Information	Comments	Chemical Constituent
Acute Toxicity	LC50(inhalation/Rat):	>5.2 mg/L, 4hr		Synthetic Isoparaffinic Hydrocarbon
	LD50(Oral/Rat):	>5000 mg/kg		Synthetic Isoparaffinic Hydrocarbon
	LD50 (Dermal/Rabbit):	>2000 mg/kg		Synthetic Isoparaffinic Hydrocarbon
	LC50 (Inhalation/Rat):	658 mg/L, 4hr		Propane
	LD50(Oral/Rat)	>5000 mg/kg		Odorless Mineral Spirits
	LD50(Dermal/Rabbit):	>3150 mg/kg		Odorless Mineral Spirits
Skin Corrosion/Irritation		Data not available		
Serious Eye Damage / Eye Irritation		Data not available		
Respiratory or Skin Sensitization		Data not available		



Germ Cell Mutagenicity		Data not available		
Carcinogenicity	NTP	Not listed		
	IARC	Not listed		
	OSHA	Not listed		
Reproductive Toxicity		Data not available		
STOT -- Single Exposure		Data not available		
STOT – Repeated Exposure		Data not available		
Aspiration Hazard	May be fatal if swallowed and enters airways	Category 1	Odorless Mineral Spirits	

STOT = Specific Target Organ Toxicity

Section 12: Ecological Information

Chemical Constituent

Toxicity:	Contains a substance which causes risk of hazardous effects to the environment	
Persistence and degradability:	No information is available.	
Bioaccumulative potential	No information is available.	
Mobility in soil:	No information is available.	
PBT and vPvB assessment:	PBT/vPvB assessment not available as chemical assessment not required/not conducted	
Other adverse effects:	No information is available.	

Section 13: Disposal Considerations

Waste from residues/unused products: D001: Waste Flammable material with a flash point <140 F. Contents under pressure. If discarded, this product is considered a RCRA ignitable waste, D001. Follow the waste disposal requirements of your country, state, or local authorities.

Contaminated packaging: Contaminated packaging material should be disposed of as stated above for residues and unused product.

Rinsate: Do not dispose of rinse water containing product in a sanitary sewer system or stormwater drainage system.

Section 14: Transport Information

ROAD TRANSPORT: DOT

UN NUMBER:	UN 1950
DOT PROPER SHIPPING NAME	Aerosols, flammable N.O.S. (propane)
DOT / ADR HAZARD CLASS:	2.1
DOT / ADR PACKAGING GROUP:	-----
DOT / ADR LABELS:	2.1
PLACARD:	2.1

SEA TRANSPORT: IMDG

UN NUMBER SEA	UN 1950
PROPER SHIPPING NAME	Aerosols
CLASS:	2.1
PACKAGING GROUP:	-----
EmS No.:	F-D, S-U
MARINE POLLUTANT:	No
SEA TRANSPORT NOTES:	Protect from sources of heat. For Aerosols with a maximum capacity of 1 liter: Category A. Segregation as for Class 9 but “separated from” class 1 except division 1.4

AIR TRANSPORT: IATA/ICAO

UN NUMBER:	UN 1950
PROPER SHIPPING NAME	Aerosols, flammable
HAZARD CLASS:	2.1
PACKAGING GROUP:	-----
PACKAGING EXEMPTIONS:	LTD QTY

Section 15: Regulatory Information

TOXIC SUBSTANCES CONTROL ACT (TSCA) STATUS:

This product is in compliance with rules, regulations, and orders of TSCA. All components are listed on the TSCA Inventory.



SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III SECTION 313 SUPPLIER NOTIFICATION:

This regulation requires submission of annual reports of toxic chemical(s) that appear in section 313 of the Emergency Planning and Community Right To Know Act of 1986 and 40 CFR 372. This information must be included in all SDS's that are copied and distributed for the material.

The Section 313 toxic chemicals contained in this product are: None
Section 311 hazardous chemical: Yes

CALIFORNIA PROPOSITION 65:

This regulation requires a warning for California Proposition 65 chemical(s) under the statute.
The California proposition 65 chemical(s) contained in this product are: None

STATE RIGHT-TO-KNOW TOXIC SUBSTANCE OR HAZARDOUS SUBSTANCE LIST:

Florida Toxic Substance(s):	Not listed
Massachusetts's hazardous substance(s):	Not listed
Pennsylvania hazardous substance code(s):	All constituents are present
New Jersey	Propane
Illinois	Not listed
Michigan	Not listed
Minnesota	Not listed

CANADA:

WHMIS-2015: This SDS is in compliance with WHMIS 2015 (HPR / new HPA).

EUROPEAN UNION:

This product has been reviewed for compliance with the following European Community Directives: REACH 1907/2006; Regulation (EC) No 1272/2008 on classification, labeling, and packaging (CLP) of substances and mixtures.

Section 16: Other Information

Initial issue date:	July 23, 2015
Final revision date:	July 23, 2015
Revision Number:	0
Revision explanation	Initial version
Information Sources:	RTECS, ECHA, REACH, OSHA 29CFR 1910.1200

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