



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

EMERGENCY TELEPHONE

Chemtrec U.S.-Canada: 800-424-9300
Chemtrec International: 703-527-3887
Emergency: 801-458-1589
Information: 801-732-8885
Fax: 801-731-4499

Safety Data Sheet Competent Person:

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DATE PREPARED:

September 8, 2015

REVISION DATE: September 8, 2015

PRODUCT NAME:

IXL Premium Grease #2 NLGI

FORMULA:

Preparation/Mixture

PRODUCT USE:

Greasing and lubricating heavy machinery

Section 2: Hazards Identification



GHS Hazard Class

Acute Toxicity (Oral) – Category 3
Skin Corrosion/Irritation – Category 2
Carcinogenicity – Category 1B
Aspiration toxicity – Category 1
Danger

Signal word:

Hazard Statement:

H315: Causes skin irritation
H335: May cause respiratory irritation
H302: Harmful if swallowed
H332: Harmful if inhaled
H350: May cause cancer

Precautionary Statements:

Prevention

P201: Obtain special instructions before use
P264: Wash hands thoroughly after handling
P280: Wear protective gloves/protective clothing/eye protection/face protection
P261: Avoid breathing dust/fume/gas/mist/vapors/spray
P270: Do not eat, drink or smoke when using this product

Response

P302 + P352: IF ON SKIN: Wash with plenty of water
P332+P313: If skin irritation or rash occurs: Get medical advice/attention.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P308 + P310 + P311: If exposed or concerned immediately call a POISON CENTER or doctor/physician if you feel unwell.

Storage

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Disposal

P330: Rinse mouth

P405: Store locked up

P501: Dispose of contents/container in accordance with waste disposal requirements of your country, state, or local authorities

Hazards not otherwise classified (HNOC) or not covered by GHS - Not expected to be a health hazard when used under normal conditions. Prolonged or repeated skin contact without proper cleaning may clog the skin pores resulting disorders like acne/folliculitis. Used grease may contain harmful impurities/harmful extraneous substances.

HAZARD CLASSIFICATION:

Not classified as hazardous based on IATA, IMDG, and DOT.

FIRE AND EXPLOSION:

Not considered flammable or combustible, but this product will burn if involved in a fire.
Product emits toxic fumes when burned.

POTENTIAL HEALTH EFFECTS:

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

APPEARANCE:

Deep green



NFPA Rating:

Component	Health (Blue)	Flammability (Red)	Reactivity (Yellow)	Special (White)
IXL Premium All Purpose Grease #2 NLGI	2	1	0	-----

Section 3: Composition, Information on Ingredients

PRODUCT COMPOSITION	APP- ROX %	CAS NO.	EC NO.	CANADA DSL
Mineral Oil (petroleum)	70 - 80	8042-47-5	232-455-8	Y
Calcium Thickener	10 - 30	26264-06-2	247-557-8	Y
Petroleum Distillates	1- 10	TS	Y	Y

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	Remove to fresh air. If not breathing, provide CPR (cardio pulmonary resuscitation). Get immediate medical attention.
Skin Contact	Immediately wash skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing.
Eye Contact	Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.
Ingestion	If swallowed do not induce vomiting, give large quantities of water to drink. Never give anything to an unconscious person. Get immediate medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms/Injuries after Inhalation	May cause respiratory tract irritation.
Symptoms/Injuries after Skin Contact	May cause skin irritation.
Symptoms/Injuries after Eye Contact	May cause eye irritation.
Symptoms/Injuries after Ingestion	May be harmful if swallowed. Symptoms might include diarrhea.

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 water spray, foam, dry powder, carbon dioxide, dry sand.
Special hazards arising from the substance or mixture	Hazardous combustion products may include a complex mixture of airborne solid and liquid particulates and gases (smoke), carbon monoxide, and unidentified inorganic and organic compounds
Protective actions fire-fighters	Wear standard protective equipment and self contained breathing apparatus for firefighting if necessary.
Further information	Use water spray to cool unopened containers.



Section 6: Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures

Wear proper personal protective equipment.

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, absorb with inert materials such as earth or dry sand. 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

Wear proper protective equipment when handling this material.

Avoid contact with skin or eyes.

Wash hands after handling this material.

Appropriate container should be used for disposal.

For precautions see section 2.

Conditions for safe storage, including any incompatibilities

Keep containers sealed until ready for use.

Avoid excessive long-term storage temperatures to prolong shelf life. Maximum storage temperature: 120°F.

Store in well ventilated areas.

Store upright in a cool, dry place.

Utilize chemical segregation.

Follow all applicable local regulations for handling and storage.

Specific uses

This product is intended for greasing and lubricating heavy machinery

Section 8: Exposure Controls/Personal Protection

Control Parameters

PRODUCT COMPOSITION	ACGIH TLV	OSHA PEL	NIOSH REL
Mineral Oil (petroleum) Mist	5.0 mg/m ³	--	--

Exposure controls

VENTILATION:

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

RESPIRATORY PROTECTION:

Follow the OSHA respirator regulations found in 29 CFR 1910.134. Use a NIOSH/MSHA 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 safety glasses or goggles.

SKIN PROTECTION:

Suitable protective clothing to prevent skin contact

WORK/HYGIENE PRACTICES:

Avoid contact with eyes. Wash hands after handling.

OTHER EQUIPMENT:

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



Section 9: Physical and Chemical Properties

	PRODUCT CRITERIA
APPEARANCE - COLOR:	Deep Green
PHYSICAL STATE:	Semi-solid
ODOR:	Slightly hydrocarbon
ODOR THRESHOLD	Data not available
PH	N/A
FLASH POINT:	204 °C (400 °F)
LOWER EXPLOSIVE LIMIT; UPPER EXPLOSIVE LIMIT	Data not available
FLAMMABILITY (Solid, gas)	Data not available
EXPLOSIVE PROPERTIES	Not classified
OXIDIZING PROPERTIES	No data available
SPECIFIC GRAVITY (@25 °C):	@ 15 °C: 0.87, 7.506 (lbs/gal)
EVAPORATION RATE:	<1
% VOLATILE by VOLUME	No data available
PARTITION COEFFICIENT	No data available
AUTO IGNITION TEMPERATURE	No data available
DECOMPOSITION TEMPERATURE	No data available
BOILING POINT:	No data available
MELTING POINT:	No data available
VAPOR PRESSURE	@ Ambient temp. < 0.13 kPa (< 1 mm Hg)
VAPOR DENSITY (AIR = 1)	< 1
SOLUBILITY IN WATER:	Not Soluble
VISCOSITY	No data available

Section 10: Stability and Reactivity

Reactivity:	Reacts with strong oxidizers.
Chemical Stability:	Stable under recommended conation.
Possibility of Hazardous Reactions:	Will not occur under normal temperatures and pressures.
Conditions to Avoid:	Heat, direct sunshine, sparks, and other sources of ignition.
Incompatibility (Materials to Avoid):	Strong oxidizing agents, heat, open flame.
Hazardous Decomposition Products:	None

Section 11: Toxicological Information

GHS Required Criteria	Toxicity Criteria	Toxicity Information	Comments	Chemical Constituent
Acute Toxicity	LD50 (Oral/Rat):	1086-1980 mg/kg	Category 3	Calcium Thickener
Skin Corrosion/Irritation	Irritating to the skin (Human)			Calcium Thickener
Serious Eye Damage / Eye Irritation	Corrosive to ocular tissue			Calcium Thickener
Respiratory or Skin Sensitization		Data not available		
Germ Cell Mutagenicity		Data not available		
Carcinogenicity	NTP			
	IARC	Suspected of causing cancer (dependent on level of refinement)	Category 1B	Mixture of Distillates and Residual Oils (petroleum)
	OSHA			
Reproductive Toxicity		Data not available		
STOT -- Single Exposure		Data not available		
STOT -- Repeated Exposure		Data not available		
Aspiration Hazard	If this liquid is swallowed, aspiration into the lungs may result in chemical pneumonitis.			Mineral Oil (petroleum)
	May be fatal if swallowed and enters airways		Category 1	Mixture of Distillates and Residual Oils (petroleum)

STOT = Specific Target Organ Toxicity



Section 12: Ecological Information

		Chemical Constituent
Toxicity:	LC50 Barnacle Larva (Balanus balanoides)(Crustacean) 3mg/l, 96hr.	Calcium Thickener
	Slightly harmful to the aquatic environment	Mineral Oil (petroleum)
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: 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

DOT TRANSPORT: Not Regulated

ADR = International Carriage of Dangerous Goods by Road Not Regulated

RAIL TRANSPORT: Not Regulated

SEA TRANSPORT: IMDG Not Regulated

AIR TRANSPORT: IATA/ICAO Not Regulated

Section 15: Regulatory Information

TOXIC SUBSTANCE CONTROL ACT (TSCA) STATUS:

This product is in compliance with rules, regulations, and orders of TSCA. All components are either listed on the TSCA inventory or are considered exempt.

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

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:

Massachusetts's hazardous substance(s):	Calcium Thickener
Pennsylvania hazardous substance code(s):	Calcium Thickener
New Jersey	Calcium Thickener

CANADA:

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



Section 16: Other Information

Initial issue date:	September 8, 2015
Final revision date:	September 8, 2015
Revision Number:	0
Revision explanation	Initial version
Information Sources:	RTECS, ECHA, REACH, OSHA 29CFR 1910.1200.

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