



# 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: Jordan Olsen

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DATE PREPARED:

September 15, 2015

**REVISION DATE: September 15, 2015**

PRODUCT NAME:

### IXL Differential Treatment

FORMULA:

Preparation/Mixture

PRODUCT USE:

Differential treatment additive to reduce part wear, heat and friction

## Section 2: Hazards Identification



### GHS Hazard Class

Carcinogenicity – Category 1B  
Aspiration toxicity – Category 1

Signal word:

Danger/Warning

Hazard Statement:

H304: May be fatal if swallowed and enters airways  
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

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

Storage

P405: Store locked up

Disposal

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 - None

HAZARD CLASSIFICATION:

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

FIRE AND EXPLOSION:

Combustible  
Product emits toxic fumes when burned.

POTENTIAL HEALTH EFFECTS:

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

APPEARANCE:

Amber

NFPA Rating:

Component	Health (Blue)	Flammability (Red)	Reactivity (Yellow)	Special (White)
IXL Engine Treatment	2	1	0	----



## Section 3: Composition, Information on Ingredients

PRODUCT COMPOSITION	APP- ROX %	CAS NO.	EC NO.	CANADA DSL
Non-hazardous and other components below reportable levels (TS)	30-50	--	--	--
Distillates (petroleum), hydrotreated light paraffinic	20-30	64742-55-8	265-158-7	Y
Residual oils (petroleum), solvent-dewaxed	15-25	64742-62-7	265-166-0	Y
Distillates (petroleum), solvent-dewaxed heavy paraffinic	5-15	64742-65-0	265-169-7	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. If material enters lungs, signs and symptoms may include coughing, choking, wheezing, difficulty in breathing, chest congestion, shortness of breath, and/or fever
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 nausea, vomiting and/or 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.

Store in mild steel or high density polyethylene.

Do not store in PVC.

Avoid excessive long-term storage temperatures to prolong shelf life. Maximum storage temperature: 122°F.

Store in well ventilated areas.

Store upright in a cool, dry place.

Utilize chemical segregation.

Store separately from oxidizing agents.

Follow all applicable local regulations for handling and storage.

### Specific uses

This product is intended to be an engine additive to reduce part wear, heat and friction.

## Section 8: Exposure Controls/Personal Protection

### Control Parameters

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

### 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:	Amber
PHYSICAL STATE:	Liquid
ODOR:	Mild aromatic hydrocarbon
ODOR THRESHOLD	Data not available
PH	N/A
FLASH POINT:	>200 °C (400 °F) Method C.O.C (Combustible IIIB)
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):	1.05-1.3
EVAPORATION RATE:	No data available
% 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	No data available
VAPOR DENSITY (AIR = 1)	No data available
SOLUBILITY IN WATER:	No data available
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	LC50 (Inhalation/Rat):	3.9 mg/l	Classification not possible due to a lack of data	Distillates (petroleum), hydrotreated light paraffinic
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	Suspected of causing cancer (dependent on level of refinement)	Highly refined mineral oils Category 3, and untreated and mildly treated mineral oils into Category 1	Distillates (petroleum), hydrotreated light paraffinic
		May cause cancer	Category 1B	Distillates



				(petroleum), solvent-dewaxed heavy paraffinic
		May cause cancer	Category 2	Residual oils (petroleum), solvent-dewaxed
	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	Distillates (petroleum), hydrotreated light paraffinic

STOT = Specific Target Organ Toxicity

## Section 12: Ecological Information

Chemical Constituent

Toxicity:	No information available	
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):	Not listed
Pennsylvania hazardous substance code(s):	Not listed
New Jersey	Not listed

CANADA:

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

## Section 16: Other Information

Initial issue date:	September 15, 2015
Final revision date:	September 15, 2015
Revision Number:	0
Revision explanation	Initial version
Information Sources:	RTECS, ECHA, REACH, OSHA 29CFR 1910.1200.

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