




# Material Safety Data Sheet

NFPA	WHMIS	PPE	Transport Symbol
	Non-controlled	 	Not regulated

Revision Date: 06-Apr-2011

Revision Number: 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Idemitsu ATF Type-TLS, 12 x 1 Quart Case  
**Product Code:** 10106-042K  
**Part Number:** ATF-TYPETLS-QT  
**Recommended use:** Automotive Lubricant

**Contact Manufacturer**

Idemitsu Lubricants America,  
701 Port Rd.

Jeffersonville, IN. 47130  
Telephone: 812-285-8234  
Fax: 812-285-8243

Contact Name: Robin Hutchens  
Email: rhutchens@ilacorp.com

**Emergency Telephone Number** Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

**CAUTION!**

**Emergency Overview**

Vapors may be irritating to eyes, nose, throat, and lungs

**Appearance** Clear Red

**Physical State:** Liquid

**Odor:** Mild

**Mexico - Grade** Slight risk, Grade 1

**Potential Health Effects**

**Principle Routes of Exposure** Skin, Eye

**Acute Effects**

**Eyes** Mild eye irritation.

**Skin** Mild skin irritation.

**Inhalation** Contains a petroleum-based mineral oil. May cause respiratory irritation or other pulmonary effects following prolonged or repeated inhalation of oil mist at airborne levels above the recommended mineral oil mist exposure limit. Symptoms of respiratory irritation may include coughing and difficulty breathing

**Ingestion** May be harmful if swallowed

**Chronic Effects**

This product contains a petroleum-based mineral oil. Prolonged or repeated skin contact can cause mild irritation and inflammation characterized by drying, cracking, (dermatitis) or oil acne. Repeated or prolonged inhalation of petroleum-based mineral oil mists at concentrations above applicable workplace exposure levels can cause respiratory irritation or other pulmonary effects

See Section 11 for additional Toxicological information.

**Potential Environmental Effects**

See Section 12 for additional Ecological information.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Hazards (Proprietary Components)**

Chemical Name	CAS-No	Weight %
Additives	Proprietary	10-15

**Non-Hazardous Components**

Chemical Name	CAS-No	Weight %
Lubricating Base Stocks	Mixture	>85

### 4. FIRST AID MEASURES

**General Advice**

If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.

**Eye Contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.

**Skin contact**

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

**Inhalation**

Move to fresh air in case of accidental inhalation of vapours or decomposition products. If symptoms persist, call a physician.

**Ingestion**

Do not induce vomiting without medical advice. Call a physician or Poison Control Center immediately. Never give anything by mouth to an unconscious person.

**Protection of First-aiders**

Use personal protective equipment. Avoid contact with skin, eyes and clothing.

### 5. FIRE-FIGHTING MEASURES

**Flammable Properties**

NFPA: Class IIIB Combustible Liquid

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Hazardous combustion products**

Carbon oxides, nitrogen oxides (NOx), Sulphur oxides, oxides of phosphorus.

**Specific Hazards Arising from the Chemical**

Keep product and empty container away from heat and sources of ignition

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**NFPA** Health: 1 Flammability: 1 Instability: 0

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions**

Use personal protective equipment. Avoid contact with the skin and the eyes. Ensure adequate ventilation. Keep people away from and upwind of spill/leak.

**Environmental Precautions**

Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

**Spill Management****LARGE SPILLS**

Eliminate sources of ignition. Prevent additional discharge of material if possible to do so without hazard. For small spills implement cleanup procedures; for large spills implement cleanup procedures and, if in public area, keep public away and advise authorities. Also, if this product is subject to CERCLA reporting (see Section 15 Regulatory Information) notify the National Response Center.

**WATER SPILLS**

Prevent liquid entering sewers, watercourses, or low areas. Contain spilled liquid with sand or earth. Recover by pumping or with suitable absorbent. If liquid is too viscous for pumping, scrape up. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations

## 7. HANDLING AND STORAGE

**Handling**

Wear personal protective equipment. Do not breathe vapors or spray mist. Remove and wash contaminated clothing before re-use.

**Storage**

Keep in properly labeled containers. Keep container tightly closed in a dry and well-ventilated place.

**Safe Handling Advice**

Wear personal protective equipment. Remove and wash contaminated clothing before re-use.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Other Exposure Guidelines (If Generated)**

Chemical Name	OSHA PEL	ACGIH TLV	ACGIH OEL (STEL)	NIOSH REL TWA	ILA IHG	ILA ROEG
Hydrogen sulfide	Ceiling: 20 ppm	TWA: 1 ppm STEL: 5 ppm	5 ppm			
Oil mist, mineral	TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>		TWA 5 mg/m <sup>3</sup> ST 10 mg/m <sup>3</sup>		

**Engineering measures**

Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment****Eye/face Protection**

Safety glasses with side-shields.

**Skin Protection**

Wear protective gloves/clothing. **Glove Type:** Neoprene, Nitriles

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene Considerations** When using, do not eat, drink or smoke. Clean equipment, work area and clothing regularly. Handle in accordance with good industrial hygiene and safety practices..

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** Clear Red  
**Odor:** Mild  
**Physical State:** Liquid  
**Flash Point** 174°C / 345°F  
**Method** COC ASTM D92  
**Density** 0.85 g/cm<sup>3</sup>@15°C  
**Viscosity** @40C= 34.88 cSt; @100C = 7.332 cSt

## 10. STABILITY AND REACTIVITY

**Chemical Stability** Stable under recommended storage conditions. Hazardous polymerization does not occur.

**Conditions to Avoid** Heat, flames and sparks

**Incompatible Materials** Strong oxidizing agents.

**Hazardous decomposition products** Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

**LD50 Oral:** 7515.81 mg/kg  
**LD50 Dermal:** 4077.61 mg/kg

### Chronic Toxicity

#### **Carcinogenicity:**

The petroleum base oils contained in this product have been highly refined by a variety of processes including solvent extraction, hydrotreating, and dewaxing to remove aromatics and improve performance characteristics. All of the oils meet the IP-346 criteria of less than 3 percent PAH's and therefore none are listed as a carcinogen by NTP, IARC, or OSHA

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### **Other adverse effects:**

Additives: Expected to be very toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

## 13. DISPOSAL CONSIDERATIONS

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Hazard characteristic and regulatory waste stream classification can change with product use. Accordingly, it is the responsibility of the user to determine the proper storage, transportation, treatment and/or disposal methodologies for spent materials and residues at the time of disposition.

<b>Waste Disposal Method</b>	This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.
<b>Contaminated Packaging</b>	Dispose of in accordance with local regulations.

### 14. TRANSPORT INFORMATION

<b>DOT</b>	Not regulated
<b>IATA</b>	Not regulated
<b>IMDG/IMO</b>	Not regulated

### 15. REGULATORY INFORMATION

#### International Inventories

All components in the product are on the following Inventory Lists: U.S.A. (TSCA), Canada (DSL/NDSL), Korea (ECL), China (IECSC).

#### USA

#### Federal Regulations

##### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

##### **SARA 311/312 Hazardous Categorization**

<b>Acute Health Hazard</b>	Yes
<b>Chronic Health Hazard</b>	No
<b>Fire Hazard</b>	No
<b>Sudden Release of Pressure Hazard</b>	No
<b>Reactive Hazard</b>	No

##### **CERCLA/SARA 302 & 304**

Section 302 & 304 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 355.

##### **Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain any HAPs.

**State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**State Right-to-Know**

This product does not contain any substances regulated by state right-to-know regulations.

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**WHMIS Hazard Class**

Non-controlled

**16. OTHER INFORMATION**

<b>Preparation Date</b>	15-Jan-2010
<b>Revision Date:</b>	06-Apr-2011
<b>Revision Summary</b>	Not available

## Disclaimer:

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of MSDS**