# SAFETY DATA SHEET

This safety data sheet complies with the requirements of: OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Product Name:** Subaru ATF HP, 12 X 1 Quart Case
**Product Code:** 34070102-75000C020

**Revision Date:** 05-Feb-2024
**Revision Number:** 6

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

**Product Name:** Subaru ATF HP, 12 X 1 Quart Case

**Other means of identification**

**Product Code:** 34070102-75000C020

### 1.2 Recommended use of the chemical and restrictions on use

**Recommended Use:** Automotive Lubricant

### 1.3 Details of the supplier of the safety data sheet

**Manufactured by:**

Idemitsu Lubricants America Corporation
701 Port Rd., Jeffersonville, IN. 47130
Telephone: 1-(812) 284-3300 Business hours: 8am-4:30pm est
Email: lla.sds@idemitsu.com

**24 Hour Emergency Phone Number:**

Within USA and Canada: 1 800-424-9300
Outside USA and Canada: + 1 703-741-5970
(collect calls accepted)

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

| | |
|---|---|
| Skin sensitization | Category 1 |

### 2.2 Label elements

| | |
|---|---|
| **Signal word** | **Warning** |
| **Hazard Statements** | H317 - May cause an allergic skin reaction |
| **Precautionary Statements - Prevention** | P261 - Avoid breathing dust, fume, gas, mist, vapors, or spray<br>P280 - Wear protective gloves<br>P272 - Contaminated work clothing should not be allowed out of the workplace |
| **Precautionary Statements - Response** | P362 + P364 - Take off all contaminated clothing and wash it before reuse |
| **Skin** | P302 + P352 - IF ON SKIN: Wash with plenty of soap and water<br>P363 - Wash contaminated clothing before reuse<br>P333 + P313 - If skin irritation or rash occurs: Get medical advice/attention |
| **Precautionary Statements - Disposal** | P501 - Dispose of contents/ container to an approved waste disposal plant |

### 2.3 Other information

| | |
|---|---|
| **Hazards not otherwise classified (HNOC):** | Not applicable |
| **Other hazards** | Causes mild skin irritation<br>Toxic to aquatic life<br>Harmful to aquatic life with long lasting effects |

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable

### 3.2 Mixture

**Hazardous Components**

| Chemical name | CAS-No | weight-% | US GHS Classification | Notes |
|---|---|---|---|---|
| Alkyl ester carboxylic acid | 68015-93-0 | <1 | Skin Irrit. 2 (H315)<br>Eye Dam. 1 (H318)<br>Skin Sens. 1 (H317)<br>Aquatic Chronic 3 (H412) | |

**Non-Hazardous Components**

| Chemical name | CAS-No | weight-% |
|---|---|---|
| Lubricating Base Stocks | Mixture | 80-90 |

Product containing mineral oil with less than 3% DMSO extract as measured by IP 346

## 4. FIRST AID MEASURES

### 4.1 First Aid Measures

**General Advice** If symptoms persist, call a physician. Take a copy of the Safety Data Sheet when going for medical treatment.

**Skin Contact** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before re-use. Call a physician immediately.

**Eye Contact** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If eye irritation persists: Get medical advice or attention.

**Inhalation** Move to fresh air in case of accidental inhalation of vapors. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Call a physician immediately.

**Ingestion** Do not induce vomiting without medical advice. If vomiting occurs naturally, have casualty lean forward to reduce the risk of aspiration. If symptoms persist, call a physician.

**Protection of First-aiders** Use personal protective equipment. Avoid contact with eyes, skin and clothing.

### 4.2 Most important symptoms and effects, both acute and delayed

**Symptoms** See Section 11 for additional Toxicological information.

### 4.3 Indication of any immediate medical attention and special treatment needed

**Notes to Physician** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Flammable Properties** NFPA: Class IIIB Combustible Liquid

### 5.1 Suitable extinguishing media

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

**Unsuitable Extinguishing Media:** Do not use a solid water stream as it may scatter and spread fire.

### 5.2 Specific Hazards Arising from the Chemical

Keep product and empty container away from heat and sources

of ignition.

**Hazardous combustion products**

During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and / or irritating. Combustion products may include and are not limited to:
Carbon oxides
Nitrogen oxides (NOx)
Oxides of Phosphorus
Sulfur oxides
Calcium Oxides (CaOx)

**5.3 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.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with eyes, skin and clothing. Avoid breathing vapors or mists. Use personal protection recommended in Section 8. Ensure adequate ventilation. Remove all sources of ignition.

### 6.2. Environmental precautions

**Environmental Precautions** See section 12 for additional ecological information. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. Do not allow into any sewer, on the ground or into any body of water. Do not flush into surface water or sanitary sewer system. Large Spills: Dike far ahead of liquid spill for later recovery and disposal. Prevent entry into waterways, sewers, basements or confined areas.

### 6.3 Methods and material for containment and cleaning up

**Methods for Clean-up** Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceus earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

**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.

**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

### 7.1. Precautions for safe handling

**Handling** Do not breathe dusts or mists. Avoid contact with eyes, skin and clothing. Use personal protection recommended in the SDS. Wear protective gloves, protective clothing, eye protection, and face protection. Wash hands thoroughly after handling. Remove

and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product. Should not be released into the environment.

**Safe Handling Advice** Wear personal protective equipment. Do not breathe vapors, spray, or mist. Use product only in closed system.

### 7.2. Conditions for safe storage, including any incompatibilities

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

**Technical measures/Precautions** Ensure adequate ventilation.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

**Exposure Guidelines**

| Chemical name | OSHA PEL | ACGIH TLV | ACGIH OEL (STEL) | NIOSHT REL TWA | ILA IHG | ILA ROEG | ILA Internal Exposure Limit |
|---|---|---|---|---|---|---|---|
| Oil mist, mineral | TWA: 5 mg/m³ | TWA: 5 mg/m³ | - | TWA 5 mg/m³ ST 10 mg/m³ | - | - | - |

### 8.2 Exposure controls

**Appropriate engineering controls** Ensure adequate ventilation, especially in confined areas. Consider the potential hazards of this material (see Section 2), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

**Personal Protective Equipment**

**Eye/face protection** Safety glasses equipped with side shields are recommended as minimum protection in industrial settings. If splashes are likely to occur wear tight fitting safety goggles and/or face-shield.

**Skin protection** Wear protective gloves/clothing. Long sleeved clothing. Choose the appropriate protective clothing and gloves based on the tasks being performed to avoid exposed skin surfaces.
**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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

| | |
|---|---|
| **Appearance** | Red / Clear |
| **Physical state** | Liquid |
| **Odor** | Mild |
| **Odor Threshold** | No information available |
| **pH** | Not applicable |
| **Melting point / melting range** | Not applicable |
| **Boiling point / boiling range** | No information available |
| **Flash Point** | > 174 °C / 345 °F COC ASTM D92 |
| **Evaporation Rate** | No information available |
| **Flammability Limit in Air** | No information available |
| **Explosion Limits** | No information available |
| **Vapor pressure @20 °C (kPa)** | No information available |
| **Vapor density** | No information available |
| **Density** | 0.85 g/cm $^3$ @15°C |
| **Solubility(ies)** | No information available |
| **Partition coefficient** | No information available |
| **Autoignition Temperature** | No information available |
| **Decomposing Temperature** | No information available |
| **Kinematic viscosity** | @ 40C = 34.88 cSt; @ 100C = 7.33 cSt |
| **Water solubility** | No information available |

### 9.2. Other information

| | |
|---|---|
| **DMSO extract by IP346** | Less than 3.0 wt% (mineral oil component only) |

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

**Reactivity** The product is chemically stable.

### 10.2. Chemical stability

**Chemical Stability** Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

**Possibility of Hazardous Reactions** None under normal processing.

**Hazardous Polymerization** Hazardous polymerization does not occur.

### 10.4. Conditions to avoid

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

### 10.5. Incompatible materials

**Incompatible Materials** Strong oxidizing agents

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Thermal decomposition can lead to release of irritating gases and vapors.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on likely routes of exposure

| | |
|---|---|
| **Inhalation** | May cause respiratory irritation. |
| **Eye contact** | May cause slight irritation. |
| **Skin Contact** | Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. |
| **Ingestion** | May be harmful if swallowed. |

### 11.2 Information on toxicological effects

| | |
|---|---|
| **Symptoms** | No information available |

### 11.3 Delayed and immediate effects as well as chronic effects from short and long-term exposure

| | |
|---|---|
| **Skin corrosion/irritation** | Not classified. |
| **Serious eye damage/eye irritation** | Not classified. |
| **Sensitization** | May cause an allergic skin reaction. May cause sensitization of susceptible persons. |
| **Mutagenic effects** | Not classified. |
| **Reproductive Toxicity** | Not classified |
| **STOT - single exposure** | Not classified. |
| **STOT - repeated exposure** | Not classified |
| **Aspiration hazard** | Not classified. |

### 11.4 Carcinogenicity

| | |
|---|---|
| **Carcinogenicity:** | No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP, IARC or ACGIH |
| **Legend:** | *NTP (National Toxicology Program), IARC (International Agency for Research on Cancer), OSHA (Occupational Safety and Health Administration of the US Department of Labor), ACGIH (American Conference of Governmental Industrial Hygienists)* |

### 11.5 Acute Toxicity

The following values are calculated based on chapter 3.1 of the GHS document

**Product Information (Estimated):**

| | |
|---|---|
| **ATEmix (oral)** | > 5,000 mg/kg |
| **ATEmix (dermal)** | > 5,000 mg/kg |
| **ATEmix (inhalation-dust/mist)** | > 5 mg/l |

**Component Information**

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|---|---|---|

| | | | |
|---|---|---|---|
| Alkyl ester carboxylic acid<br>68015-93-0 | > 2,000 mg/kg (Rat) | > 3,160 mg/kg (Rabbit) | - |

## 12. ECOLOGICAL INFORMATION

### 12.1 Ecotoxicity

**Ecotoxicity effects**

Toxic to aquatic life. Harmful to aquatic life with long lasting effects. Plants and animals may experience harmful or fatal effects when coated with petroleum products. Petroleum-based (mineral) lubricating oils normally will float on water. In stagnant or slow-flowing waterways, an oil layer can cover a large surface area. As a result, this oil layer might limit or eliminate natural atmospheric oxygen transport into the water. With time, if not removed, oxygen depletion in the waterway may be sufficient to cause a fish kill or create an anaerobic environment.

| Chemical name | 96h LC50 (fish - mg/L) (96HLCF) | 48h EC50 (daphnia - mg/L) (48HLCD) | 72h LC50 (algae - mg/L) (72HICA) |
|---|---|---|---|
| Alkyl ester carboxylic acid | - | 101 | 56 |

**12.2 Persistence and degradability** No information available.

**12.3. Bioaccumulative potential** No information available.

**12.4 Mobility in Environmental Media** No information available.

**12.5 Other adverse effects:** No information available.

**PBT and vPvB assessment** No information available

## 13. DISPOSAL CONSIDERATIONS

**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.**

**Waste Disposal Method**

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.

**Contaminated packaging**

Dispose of in accordance with local regulations.

## 14.TRANSPORT INFORMATION

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

| | |
|---|---|
| **TSCA** | All ingredients are on the inventory or exempt from listing |
| **DSL/NDSL** | All ingredients are on the inventory or exempt from listing |
| **ENCS** | All ingredients are on the inventory or exempt from listing |
| **IECSC** | All ingredients are on the inventory or exempt from listing |
| **KECL** | All ingredients are on the inventory or exempt from listing |
| **PICCS** | All ingredients are on the inventory or exempt from listing |
| **NZIoC** | All ingredients are on the inventory or exempt from listing |
| **REACH** | To obtain information on the REACH compliance status of this product, please e-mail ila.sds@idemitsu.com |

**Legend:**
**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
**ENCS** - Japan Existing and New Chemical Substances
**IECSC** - China Inventory of Existing Chemical Substances
**KECL** - Korean Existing and Evaluated Chemical Substances
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances
**AICS** - Australian Inventory of Chemical Substances
**NZLOC** - New Zealand Inventory of Chemicals
**REACH** - Registration, Evaluation, Authorisation, and Restriction of Chemicals

### 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 above threshold values of the reporting requirements of this Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazardous Categorization**

| | |
|---|---|
| **Acute health hazard** | Skin Sensitizer |
| **Chronic Health Hazard** | Skin Sensitizer |
| **Fire hazard** | No |
| **Sudden Release of Pressure Hazard** | No |
| **Reactive Hazard** | No |

**CERCLA/SARA 302 & 304**
Not applicable

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**
This product does not contain any HAPs > 0.1%.

### State Regulations

**California Proposition 65**

**Label:**

**WARNING** Cancer and Reproductive Harm - www.P65Warnings.ca.gov

| Chemical name | CAS-No | weight-% | California Prop. 65 | Maximum Allowable Dose for Reproductive Toxicity (MADLS) | Safe Harbor Limits for Cancer-causing Chemicals (NSRLs) |
|---|---|---|---|---|---|
| Benzene | 71-43-2 | <0.00001 | Carcinogen Developmental Male Reproductive | 24µg/dayoral 49µg/dayinhalation | 6.4 µg/day oral 13 µg/day inhalation |

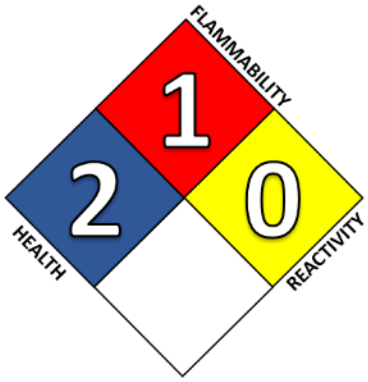
**State Right-to-Know**

| Chemical name | CAS-No | weight-% | New Jersey |
|---|---|---|---|
| Alkenyl dicarboxylamide | EPA ACC. 147376 | 1-5 | X |

| Chemical name | CAS-No | weight-% | Pennsylvania |
|---|---|---|---|
| Alkenyl dicarboxylamide | EPA ACC. 147376 | 1-5 | X |

**New Jersey Worker and Community Right-to-Know Act:**
Under the New Jersey Right-to-Know Act L. 1983 Chapter 315 N.J.S.A. 34:5A-1 et. seq., the product is to be identified as follows: PETROLEUM OIL (Automatic Transmission Fluid)

## 16. OTHER INFORMATION




**NFPA** **Health hazards:** 2 **Flammability:** 1 **Instability:** 0

**Prepared By:** Latoya Walker

**Revision Date:** 05-Feb-2024

**Revision Summary:** 3 Year Review
Section 15: REGULATORY INFORMATION

**Disclaimer:**
**The information provided on this SDS 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 Safety Data Sheet**