



# SAFETY DATA SHEET

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

**Product Name:** Subaru ATF-WS, Pail  
**Product Code:** 34070103-95200C020

**Revision Date:** 27-May-2021  
**Revision Number:** 3

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

### 1.1 Product identifier

**Product Name:** Subaru ATF-WS, Pail

### Other means of identification

**Product Code:** 34070103-95200C020

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

**Recommended Use:** Automatic Transmission Fluid

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

**Supplied 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 not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

### 2.2 Label elements

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

**Hazards not otherwise classified (HNOC)** Not applicable

### 2.3 Other information

**Other hazards** High-pressure injection under skin may cause serious damage.  
Repeated exposure may cause skin dryness or cracking  
May cause eye irritation  
May cause respiratory irritation

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1 Substances

Not applicable

#### 3.2 Mixture

##### Non-Hazardous Components

Chemical name	CAS-No	weight-%
Lubricating Base Stocks	Mixture	85-100

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

### 4. FIRST AID MEASURES

#### 4.1 First Aid Measures

<b>General Advice</b>	If symptoms persist, call a physician. Take a copy of the Safety Data Sheet when going for medical treatment.
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.
<b>Eye Contact</b>	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.
<b>Inhalation</b>	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.
<b>Ingestion</b>	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.
<b>Protection of First-aiders</b>	Use personal protective equipment. Avoid contact with eyes, skin and clothing.

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

<b>Symptoms</b>	See Section 11 for additional Toxicological information.
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#### 4.3 Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	Treat symptomatically.
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### 5. FIRE-FIGHTING MEASURES

<b>Flammable Properties</b>	NFPA: Class IIIB Combustible Liquid
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#### 5.1 Suitable extinguishing media

Use, Water fog, Foam, Dry chemical, Carbon dioxide (CO<sub>2</sub>)

#### 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  
aldehydes  
Sulphur oxides  
smoke  
fumes

**5.3 Protective Equipment and Precautions for Firefighters:** Evacuate area. Wear a self-contained breathing apparatus and appropriate personal protective equipment (PPE). Contain and recover liquid when possible. Flush spill area with water spray. Do not flush to sewer. Prevent run-off from entering drains, sewers or waterways.

## 6. ACCIDENTAL RELEASE MEASURES

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

**Personal precautions** Avoid contact with eyes, skin and clothing. See section 8 for more information. Take precautionary measures against static discharges.

### 6.2. Environmental precautions

**Environmental Precautions** 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, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

**Notification Procedures** In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. US regulations require reporting releases of this material to the environment which exceed the applicable reportable quantity or oil spills which could reach any waterway including intermittent dry creeks. The National Response Center can be reached at (800)424-8802

### Spill Management

**LARGE SPILLS** Stop leak if without risk. Do not get water inside container. Do not touch spilled material. Use water spray to reduce vapors. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all ignition sources. Call for assistance on disposal.

**WATER SPILLS** Stop leak if you can do it without risk. Confine the spill immediately with booms. Warn after other shipping. Remove from surface by skimming or with suitable absorbents. Seek the advice of a specialist before using dispersants. Water spill and land spill recommendations are based on the most likely spill scenario for this material; however, geographic conditions, wind, temperature, (and in the case of a water spill) wave and current direction and speed may greatly influence the appropriate action to be taken. For this reason, local experts should be consulted. Note: Local regulations may prescribe or limit action to be taken.

## 7. HANDLING AND STORAGE

### 7.1. Precautions for safe handling

**Handling** Do not breathe vapors, spray, or mist. Avoid contact with eyes, skin and clothing. Use personal protection recommended in the SDS. Remove and wash contaminated clothing before re-use. Keep away from open flames, hot surfaces and sources of ignition.

**Safe Handling Advice** Do not breathe vapours/dust. Avoid contact with eyes, skin and

clothing. Use personal protection recommended in Section 8. Remove and wash contaminated clothing before re-use. Keep away from open flames, hot surfaces and sources of ignition. Handle in accordance with good industrial hygiene and safety practices.

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

<b>Storage</b>	Do not store in open or unlabelled containers. Take precautionary measures against static discharge.
<b>Technical measures/Precautions</b>	Ensure adequate ventilation.
<b>Static Hazard</b>	This material is a static accumulator

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Exposure Guidelines

Chemical name	OSHA PEL	ACGIH TLV	ACGIH OEL (STEL)	NIOSH REL TWA	ILA IHG	ILA ROEG	ILA Internal Exposure Limit
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>			

### 8.2 Exposure controls

<b>Appropriate engineering controls</b>	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.
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#### Personal Protective Equipment

<b>Eye/face protection</b>	Safety glasses equipped with side shields are recommended as minimum protection in industrial settings.
<b>Skin protection</b>	Choose the appropriate protective clothing and gloves based on the tasks being performed to avoid exposed skin surfaces. <b>Glove Type:</b> Neoprene, Nitriles; Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves
<b>Respiratory protection</b>	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.
<b>General Hygiene Considerations</b>	Handle in accordance with good industrial hygiene and safety practices. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product. Remove and wash contaminated clothing before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	Red
Physical state	Liquid
Odor	Characteristic
Odor Threshold	No information available
pH	Not applicable
Melting point / melting range	Not applicable
Boiling point / boiling range	>316 °C / 600 °F
Flash Point	> 175 °C / 347 °F COC ASTM D92
Evaporation Rate	No information available
Flammability Limit in Air	
Upper	7.0
Lower	0.9
Explosion Limits	No information available
Vapor pressure @20 °C (kPa)	0.1 mmHg @ 20 °C
Vapor density	>2 at 101 kPa
Density	0.85 g/cm <sup>3</sup> @15°C
Solubility(ies)	No information available
Partition coefficient	>3.5
Autoignition Temperature	No information available
Decomposing Temperature	No information available
Kinematic viscosity	@ 40C = 24 cSt; @100C = 5.45 cSt

## 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 Stable under recommended storage conditions.

### 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.

### 10.4. Conditions to avoid

Conditions to Avoid Excessive heat. Keep away from open flames, hot surfaces and sources of ignition.

### 10.5. Incompatible materials

Incompatible Materials Strong oxidizing agents

### 10.6. Hazardous decomposition products

Hazardous decomposition products Material does not decompose at ambient temperatures.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on likely routes of exposure

Inhalation May cause irritation of respiratory tract.

<b>Eye contact</b>	May cause slight irritation.
<b>Skin Contact</b>	May cause skin irritation and/or dermatitis.
<b>Ingestion</b>	May be harmful if swallowed.

**11.2 Information on toxicological effects**

<b>Symptoms</b>	No information available
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**11.3 Delayed and immediate effects as well as chronic effects from short and long-term exposure**

<b>Skin corrosion/irritation</b>	Not classified.
<b>Serious eye damage/eye irritation</b>	Not classified.
<b>Sensitization</b>	Not classified.
<b>Mutagenic effects</b>	Not classified.
<b>Reproductive Toxicity</b>	Not classified
<b>STOT - single exposure</b>	Not classified.
<b>STOT - repeated exposure</b>	Not classified
<b>Aspiration hazard</b>	Not classified.

**11.4 Carcinogenicity**

<b>Carcinogenicity:</b>	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, OSHA or ACGIH.
<b>Legend:</b>	<i>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)</i>

**11.5 Acute Toxicity**

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

**Product Information (Estimated):**

<b>ATEmix (oral)</b>	> 5,000 mg/kg
<b>ATEmix (dermal)</b>	> 2,000 mg/kg

**12. ECOLOGICAL INFORMATION****12.1 Ecotoxicity**

<b>Ecotoxicity effects</b>	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
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**12.2 Persistence and degradability**

Inherently biodegradable.

**12.3. Bioaccumulative potential**

No information available.

**12.4 Mobility in Environmental Media**

Base oil component--Low solubility and floats and is expected to migrate from water to the land. Expected to partition to sediment and wastewater solids.

**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**

Product is suitable for burning in an enclosed burner for fuel value or disposal by supervised incineration at very high temperatures to prevent formation of undesirable combustion products. Should not be released into the environment. Waste must be disposed of in accordance with federal, state, and local environmental control regulations.

**Contaminated packaging**

Empty Container Warning (where applicable): Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

**Waste Classification**

The unused product, in our opinion, is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed as hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosivity or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP). However, used product may be regulated.

**14. TRANSPORT INFORMATION**

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

**15. REGULATORY INFORMATION****International Inventories**

<b>TSCA</b>	All ingredients are on the inventory or exempt from listing
<b>DSL/NDL</b>	All ingredients are on the inventory or exempt from listing
<b>IECSC</b>	All ingredients are on the inventory or exempt from listing
<b>KECL</b>	All ingredients are on the inventory or exempt from listing
<b>PICCS</b>	All ingredients are on the inventory or exempt from listing
<b>AICS</b>	All ingredients are on the inventory or exempt from listing

**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>	No
<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.

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

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

**Label:** This product does not contain any Proposition 65 chemicals

**State Right-to-Know**

<b>Chemical name</b>	<b>CAS-No</b>	<b>weight-%</b>	<b>New Jersey</b>
Severely hydrotreated heavy paraffinic distillate	64742-54-7	20-30	X
Catalytic dewaxed light paraffinic oil (petroleum)	64742-71-8	20-30	X

<b>Chemical name</b>	<b>CAS-No</b>	<b>weight-%</b>	<b>Massachusetts</b>
Catalytic dewaxed light paraffinic oil (petroleum)	64742-71-8	20-30	X

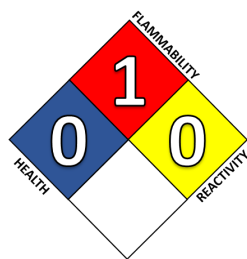
<b>Chemical name</b>	<b>CAS-No</b>	<b>weight-%</b>	<b>Pennsylvania</b>
Catalytic dewaxed light paraffinic oil (petroleum)	64742-71-8	20-30	X

**New Jersey Worker and Community Right-to-Know Act:**

Contact Idemitsu Lubricants America for this information

**16. OTHER INFORMATION**



NFPA

Health hazards: 0

Flammability: 1

Instability: 0

**Prepared By:**

Aaron Keck

**Revision Date:**

27-May-2021

**Revision Summary:**Section 1: Identification of the hazardous chemical and of the supplier  
Review**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**