SAFETY DATA SHEET

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

Product Name: Subaru Certified CVTF-III, 5 Gallon Pail
Product Code: 30451003-95200C020

Revision Date: 26-Apr-2021
Revision Number: 2

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

1.1 Product identifier

Product Name: Subaru Certified CVTF-III, 5 Gallon Pail

Other means of identification

Product Code: 30451003-95200C020
Customer Part Number: SOA427V2600

1.2 Recommended use of the chemical and restrictions on use

Recommended Use: Lubricant

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: Ila.sds@idemitsu.com

Manufactured for
Subaru of America, Inc.
Camden, NJ 08103
Subaru Hotline: 877-570-3167

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

Reproductive toxicity	Category 2
Aspiration toxicity	Category 1

2.2 Label elements

Signal word	**Danger**
Hazard Statements	H304 - May be fatal if swallowed and enters airways H361 - Suspected of damaging fertility or the unborn child if swallowed
Precautionary Statements - Prevention	P201 - Obtain special instructions before use P202 - Do not handle until all safety precautions have been read and understood P280 - Wear protective gloves/protective clothing and eye/face protection
Precautionary Statements - Response	P308 + P313 - IF exposed or concerned: Get medical advice/attention
Ingestion	P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician P331 - Do NOT induce vomiting
Precautionary Statements - Storage	P405 - Store locked up
Precautionary Statements - Disposal	P501 - Dispose of contents/ container to an approved waste disposal plant
Hazards not otherwise classified (HNOC)	Not applicable

2.3 Other information

Other hazards	Causes mild skin irritation Harmful to aquatic life with long lasting effects Harmful to aquatic life

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixture

Hazardous Components

Chemical name	CAS-No	weight-%	US GHS Classification	Notes
Distillates (Fischer - Tropsch), heavy, C18-50 – branched, cyclic and linear	848301-69-9	70-80	Asp. Tox. 1 (H304)	
Petroleum distillates, hydrotreated light paraffinic	64742-55-8	5-10	Asp. Tox. 1 (H304)	L
Tricresyl Phosphate	1330-78-5	<1	Acute Tox. 4 (H302) Acute Tox. 4 (H312) Reproductive 2 (H361) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	

L - The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3 % DMSO extract as measured by IP 346 "Determination of polycyclic aromatics in unused lubricating base oils and asphaltene free petroleum fractions - Dimethyl sulphoxide extraction refractive index method", Institute of Petroleum, London. This note applies only to certain complex oil-derived substances in Part 3

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. IF exposed or concerned: Get medical advice.

Inhalation In case of inadequate ventilation wear respiratory protection. If breathing difficulties develop, move victim away from source of exposure and into fresh air in a position comfortable for breathing. If unconscious place in recovery position and seek medical advice. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Call a physician immediately.

Ingestion Call a physician or poison control center immediately. Do not induce vomiting. If vomiting occurs naturally, have casualty lean forward to reduce the risk of aspiration.

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) Sulphur oxides Oxides of Phosphorus 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	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	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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. Do not breathe vapors, spray, or mist. Avoid contact with eyes, skin and clothing. Keep away from open flames, hot surfaces and sources of ignition. Should not be released into the environment.

Safe Handling Advice Handle in accordance with good industrial hygiene and safety practices. Take precautionary measures against static discharges.

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

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/m^3	TWA: 5 mg/m^3		TWA 5 mg/m^3 ST 10 mg/m^3			

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.

Skin protection Choose the appropriate protective clothing and gloves based on the tasks being performed to avoid exposed skin surfaces. Long sleeved 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 Clean equipment, work area and clothing regularly.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Blue Opaque
Physical state	Liquid
Odor	Slight
Odor Threshold	No information available
pH	Not applicable
Melting point / melting range	Not applicable
Boiling point / boiling range	No information available
Flash Point	>= 170 °C / >= 338 °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	0.83 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 = 14.4 cSt ; @ 100C = 4.0 cSt

9.2. Other information
No additional information available

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.

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 irritation of respiratory tract.
Eye contact	May cause slight irritation.

Skin Contact May cause skin irritation and/or dermatitis.

Ingestion May be fatal if swallowed and enters airways.

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 Not classified.

Mutagenic effects Not classified.

Reproductive Toxicity Suspected of damaging fertility or the unborn child

Developmental Effects Testes
Exposure route Oral

STOT - single exposure Not classified.

STOT - repeated exposure Not classified

Aspiration hazard May be fatal if swallowed and enters airways.

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, OSHA 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
Distillates (Fischer - Tropsch), heavy, C18-50 – branched, cyclic and linear 848301-69-9	> 5,000 mg/kg (Rat)	> 5,000 mg/kg (Rabbit)	> 5 mg/L 4h (Rat)
Petroleum distillates, hydrotreated light paraffinic 64742-55-8	> 5,000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.01 mg/L (Rat) 4 h
Tricresyl Phosphate 1330-78-5	> 3,000 mg/kg (Rat)	> 7,900 mg/kg (Rabbit)	> 5.2 mg/L (Rat) 4 h

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity

Ecotoxicity effects 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.

12.2 Persistence and degradability The hydrocarbons in this material are not readily biodegradable, but since they can be degraded by microorganisms, they are regarded as inherently biodegradable.

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

	There are ingredients listed on the NDSL Inventory List		
Chemical name	**NDSL**	**CAS-No**	**weight-%**
Phosphonic acid, didodecyl ester	X	21302-09-0	<0.1
Phosphonic acid, dodecyl-	X	5137-70-2	<0.1
1,3,4-Thiadiazole-2(3H)-thione, 5-(tertnonyldithio)-	X	97503-12-3	<0.01
ENCS	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

Acute health hazard	Reproductive Toxicity, Aspiration hazard
Chronic Health Hazard	Reproductive Toxicity
Fire hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

CERCLA/SARA 302 & 304

Section 302 & 304 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 355.

Chemical name	CAS-No	weight-%	RQ	TPQ
Phosphoric acid	7664-38-2	<0.1	RQ 5000lb final RQ RQ 2270kg final RQ	
Methyl methacrylate	80-62-6	<0.1	RQ 1000lb final RQ RQ 454kg final RQ	
Sulfur dioxide	7446-09-5	<0.001		500 lb TPQ
Methylisobutylketone	108-10-1	<0.00001	RQ 5000lb final RQ RQ 2270kg final RQ	

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

This product contains the following HAPs:

Chemical name	CAS-No	weight-%	HAPS data
Methyl methacrylate	80-62-6	<0.1	X
Methylisobutylketone	108-10-1	<0.00001	X

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical name	CAS-No	weight-%	U.S. - CWA (Clean Water Act)
Phosphoric acid	7664-38-2	<0.1	X
Methyl methacrylate	80-62-6	<0.1	X

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)
trimethyl phosphate	512-56-1	<0.001	Carcinogen		24 µg/day
Sulfur dioxide	7446-09-5	<0.001	Developmental	10000µg/day	
Methylisobutylketone	108-10-1	<0.00001	Carcinogen Developmental		

State Right-to-Know

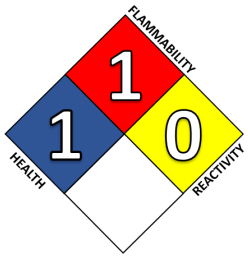
This product does not contain any substances regulated by state right-to-know regulations

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 (Lubricating Oil)

16. OTHER INFORMATION

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



Prepared By: Aaron Keck

Revision Date: 26-Apr-2021

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