<b>ASHLAND</b>	Page: 1
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 6/29/2015
	SDS Number: R0373081
Maxlife™ ATF WITH STOP LEAK	Version: 1.0
VV337	

29 CFR 1910.1200 (OSHA HazCom 2012)

### **SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

**Product identifier** 

Trade name : Maxlife™

ATF WITH STOP LEAK

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

Use of the Substance/Mixture : AUTOMATIC TRANSMISSION FLUID

Details of the supplier of the safety data	Emergency telephone number
sheet	1-800-ASHLAND (1-800-274-5263)
Ashland	·
P.O. Box 2219	Regulatory Information Number
Columbus, OH 43216	1-800-325-3751
United States of America	
	Product Information
	614-790-3333
EHS Customer Requests@ashland.com	
·	

## **SECTION 2. HAZARDS IDENTIFICATION**

**GHS Classification** 

Skin sensitization : Category 1

Aspiration hazard : Category 1

**GHS Label element** 

Hazard pictograms :





Signal Word : Danger

Hazard Statements : May be fatal if swallowed and enters airways.

May cause an allergic skin reaction.

Precautionary Statements : Prevention:

Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.

Contaminated work clothing must not be allowed out of the

workplace.

Wear protective gloves.

Response:

IF SWALLOWED: Immediately call a POISON CENTER or

<b>ASHLAND</b>	Page: 2
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 6/29/2015
	SDS Number: R0373081
Maxlife™ ATF WITH STOP LEAK	Version: 1.0
VV337	

doctor/ physician.

IF ON SKIN: Wash with plenty of soap and water.

Do NOT induce vomiting.

If skin irritation or rash occurs: Get medical advice/ attention.

Wash contaminated clothing before reuse.

Storage:

Store locked up.

Disposal:

Dispose of contents/ container to an approved waste disposal

plant.

### Other hazards

None known.

## **SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substance / Mixture : Mixture

Chemical nature : Defatter

# **Hazardous components**

Chemical Name	CAS-No.	Classification	Concentration (%)
HYDROTREATED LIGHT PARAFFINIC DISTILLATE	64742-55-8	Asp. Tox. 1; H304	11.37
MINERAL OIL		Not a hazardous substance or mixture.	4.90
METHACRYLATE COPOLYMER		Eye Irrit. 2A; H319	1.62
ALKOXYLATED LONG-CHAIN ALKYL AMINE		Acute Tox. 4; H302 Skin Corr. 1B; H314 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Acute 3; H402 Aquatic Chronic 3; H412	0.40

<b>ASHLAND</b>	Page: 3
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 6/29/2015
	SDS Number: R0373081
Maxlife™ ATF WITH STOP LEAK	Version: 1.0
VV337	

#### **SECTION 4. FIRST AID MEASURES**

General advice : Move out of dangerous area.

Show this safety data sheet to the doctor in attendance. Symptoms of poisoning may appear several hours later.

Do not leave the victim unattended.

If inhaled : Move to fresh air.

If breathed in, move person into fresh air.

If unconscious place in recovery position and seek medical

advice.

If symptoms persist, call a physician.

In case of skin contact : Remove contaminated clothing. If irritation develops, get

medical attention.

If on skin, rinse well with water.

First aid is not normally required. However, it is

recommended that exposed areas be cleaned by washing

with soap and water.

Wash contaminated clothing before re-use.

In case of eye contact : Flush eyes with water as a precaution.

Remove contact lenses. Protect unharmed eye.

If eye irritation persists, consult a specialist.

If swallowed : Obtain medical attention.

Do NOT induce vomiting.

Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious person.

If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed

: Acute aspiration of large amounts of oil-laden material may produce a serious aspiration pneumonia. Patients who aspirate these oils should be followed for the development of long-term sequelae. Repeated aspiration of small quantities of mineral oil can produce chronic inflammation of the lungs (i.e. lipoid pneumonia) that may progress to pulmonary fibrosis. Symptoms are often subtle and radiological changes appear worse than clinical abnormalities. Occasionally, persistent cough, irritation of the upper respiratory tract, shortness of breath with exertion, fever, and bloody sputum occur. Inhalation exposure to oil mists below current workplace exposure limits is unlikely to cause pulmonary

abnormalities.

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through

the skin may include:

stomach or intestinal upset (nausea, vomiting, diarrhea)

irritation (nose, throat, airways)

May be fatal if swallowed and enters airways.

May cause an allergic skin reaction.

<b>ASHLAND</b>	Page: 4
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 6/29/2015
	SDS Number: R0373081
Maxlife™ ATF WITH STOP LEAK	Version: 1.0
VV337	

Notes to physician : No hazards which require special first aid measures.

### **SECTION 5. FIREFIGHTING MEASURES**

Suitable extinguishing media : Use extinguishing measures that are appropriate to local

circumstances and the surrounding environment.

Water spray Foam

Carbon dioxide (CO2)

Dry chemical

Unsuitable extinguishing

media

: High volume water jet

Specific hazards during

firefighting

: Do not allow run-off from fire fighting to enter drains or water

courses.

Hazardous combustion

products

: carbon dioxide and carbon monoxide

Hydrocarbons

Specific extinguishing

methods

Product is compatible with standard fire-fighting agents.

Further information : Fire residues and contaminated fire extinguishing water must

be disposed of in accordance with local regulations.

Special protective equipment

for firefighters

: In the event of fire, wear self-contained breathing apparatus.

### **SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.

Persons not wearing protective equipment should be excluded

from area of spill until clean-up has been completed.

Environmental precautions : Prevent product from entering drains.

Prevent further leakage or spillage if safe to do so.

If the product contaminates rivers and lakes or drains inform

respective authorities.

Methods and materials for containment and cleaning up

: Soak up with inert absorbent material (e.g. sand, silica gel,

acid binder, universal binder, sawdust).

Keep in suitable, closed containers for disposal.

Other information : Comply with all applicable federal, state, and local regulations.

<b>ASHLAND</b>	Page: 5
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 6/29/2015
	SDS Number: R0373081
Maxlife™ ATF WITH STOP LEAK	Version: 1.0
VV337	

#### **SECTION 7. HANDLING AND STORAGE**

Advice on safe handling : Do not breathe vapours/dust.

Do not smoke.

Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being

used.

Container hazardous when empty.

Avoid exposure - obtain special instructions before use.

Avoid contact with skin and eyes.

Smoking, eating and drinking should be prohibited in the

application area.

For personal protection see section 8.

Dispose of rinse water in accordance with local and national

regulations.

Conditions for safe storage

: Keep container tightly closed in a dry and well-ventilated

place.

Containers which are opened must be carefully resealed and

kept upright to prevent leakage. Observe label precautions.

Electrical installations / working materials must comply with

the technological safety standards.

### **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
HYDROTREATED LIGHT PARAFFINIC DISTILLATE	64742-55-8	REL	5 mg/m3 Mist.	NIOSH/GUID E
		STEL	10 mg/m3 Mist.	NIOSH/GUID E
		PEL	5 mg/m3 Mist.	OSHA_TRA NS
MINERAL OIL		REL	5 mg/m3 Mist.	NIOSH/GUID E
		STEL	10 mg/m3 Mist.	NIOSH/GUID E
		PEL	5 mg/m3 Mist.	OSHA_TRA NS
		TWA	5 mg/m3 Mist.	TN OEL
		TWA	5 mg/m3 Inhalable fraction.	ACGIH

**Engineering measures** : Provide sufficient mechanical (general and/or local exhaust)

<b>ASHLAND</b>	Page: 6
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 6/29/2015
	SDS Number: R0373081
Maxlife™ ATF WITH STOP LEAK	Version: 1.0
VV337	

ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

## Personal protective equipment

Hand protection

Remarks : The suitability for a specific workplace should be discussed

with the producers of the protective gloves.

Eye protection : Not required under normal conditions of use. Wear splash-

proof safety goggles if material could be misted or splashed

into eyes.

Skin and body protection : Wear as appropriate:

impervious clothing Safety shoes

Choose body protection according to the amount and concentration of the dangerous substance at the work place. Discard gloves that show tears, pinholes, or signs of wear. Wear resistant gloves (consult your safety equipment

supplier).

Hygiene measures : Wash hands before breaks and at the end of workday.

When using do not eat or drink. When using do not smoke.

#### **SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical state : liquid

Colour : red

Odour : No data available

Odour Threshold : No data available

pH : No data available

Melting point/freezing point : No data available

Boiling point/boiling range : No data available

Flash point :  $> 390 \, ^{\circ}\text{F} \, / > 199 \, ^{\circ}\text{C}$ 

Method: Cleveland open cup

Evaporation rate : No data available

Flammability (solid, gas) : No data available

Upper explosion limit : No data available

<b>ASHLAND</b>	Page: 7
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 6/29/2015
	SDS Number: R0373081
Maxlife™ ATF WITH STOP LEAK	Version: 1.0
VV337	

Lower explosion limit : No data available

Vapour pressure : No data available

Relative vapour density : No data available

Relative density : No data available

Density : 0.8503 g/cm3 (15.56 °C)

Solubility(ies)

Water solubility : No data available

Solubility in other solvents : No data available

Partition coefficient: n-

octanol/water

: No data available

Thermal decomposition : No data available

Viscosity

Viscosity, dynamic : No data available

Viscosity, kinematic : 35.8 mm2/s

Oxidizing properties : No data available

#### **SECTION 10. STABILITY AND REACTIVITY**

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : Stable under recommended storage conditions.

Possibility of hazardous

reactions

: Product will not undergo hazardous polymerization.

Conditions to avoid : excessive heat

Incompatible materials : Strong oxidizing agents

Hazardous decomposition

products

carbon dioxide and carbon monoxide

Hydrocarbons

# **SECTION 11. TOXICOLOGICAL INFORMATION**

Information on likely routes of : Inhalation exposure Skin contact

<b>ASHLAND</b>	Page: 8
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 6/29/2015
	SDS Number: R0373081
Maxlife™ ATF WITH STOP LEAK	Version: 1.0
VV337	

Eye Contact Ingestion

#### Acute toxicity

Not classified based on available information.

### **Components:**

ALKOXYLATED LONG-CHAIN ALKYL AMINE:

Acute oral toxicity

Assessment: The component/mixture is classified as acute

oral toxicity, category 4.

#### Skin corrosion/irritation

Not classified based on available information.

**Product:** 

Remarks: May cause skin irritation in susceptible persons.

Result: Repeated exposure may cause skin dryness or cracking.

### **Components:**

HYDROTREATED LIGHT PARAFFINIC DISTILLATE:

Result: Mildly irritating to skin

MINERAL OIL:

Result: Mildly irritating to skin

METHACRYLATE COPOLYMER:

Result: Not irritating to skin

ALKOXYLATED LONG-CHAIN ALKYL AMINE:

Result: Corrosive to skin

#### Serious eye damage/eye irritation

Not classified based on available information.

**Product:** 

Remarks: Unlikely to cause eye irritation or injury.

### Components:

HYDROTREATED LIGHT PARAFFINIC DISTILLATE:

Result: Mildly irritating to eyes

MINERAL OIL:

Result: Mildly irritating to eyes

METHACRYLATE COPOLYMER:

Result: Irritating to eyes

### ALKOXYLATED LONG-CHAIN ALKYL AMINE:

Result: Corrosive to eyes

#### Respiratory or skin sensitisation

Skin sensitisation: May cause an allergic skin reaction.

Respiratory sensitisation: Not classified based on available information.

**Components:** 

<b>ASHLAND</b>	Page: 9
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 6/29/2015
	SDS Number: R0373081
Maxlife™ ATF WITH STOP LEAK	Version: 1.0
VV337	

#### ALKOXYLATED LONG-CHAIN ALKYL AMINE:

Assessment: May cause sensitization by skin contact.

### Germ cell mutagenicity

Not classified based on available information.

### Carcinogenicity

Not classified based on available information.

### Reproductive toxicity

Not classified based on available information.

### STOT - single exposure

Not classified based on available information.

# STOT - repeated exposure

Not classified based on available information.

## **Aspiration toxicity**

May be fatal if swallowed and enters airways.

#### **Product:**

May be fatal if swallowed and enters airways.

#### **Components:**

#### HYDROTREATED LIGHT PARAFFINIC DISTILLATE:

May be fatal if swallowed and enters airways.

#### **Further information**

### **Product:**

Remarks: Solvents may degrease the skin.

### Carcinogenicity:

IARC No component of this product present at levels greater than or

equal to 0.1% is identified as probable, possible or confirmed

human carcinogen by IARC.

OSHA No component of this product present at levels greater than or

equal to 0.1% is identified as a carcinogen or potential

carcinogen by OSHA.

NTP 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.

## **SECTION 12. ECOLOGICAL INFORMATION**

### **Ecotoxicity**

ALKOXYLATED LONG-CHAIN ALKYL AMINE:

Ecotoxicology Assessment

Acute aquatic toxicity : Harmful to aquatic life.

Chronic aquatic toxicity : Harmful to aquatic life with long lasting effects.

#### Persistence and degradability

No data available

<b>ASHLAND</b>	Pa	ge: 10
SAFETY DATA SHEET	Revision Date: 05/22	2/2015
	Print Date: 6/29	9/2015
	SDS Number: R03	73081
Maxlife™ ATF WITH STOP LEAK	Version	n: 1.0
VV337		

## Bioaccumulative potential

No data available

## Mobility in soil

No data available

### Other adverse effects

No data available

#### **Product:**

Additional ecological

information

: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal., Harmful to aquatic life

with long lasting effects.

#### **SECTION 13. DISPOSAL CONSIDERATIONS**

## **Disposal methods**

General advice : The product should not be allowed to enter drains, water

courses or the soil.

Do not contaminate ponds, waterways or ditches with

chemical or used container.

Send to a licensed waste management company.

Dispose of in accordance with all applicable local, state and

federal regulations.

Contaminated packaging : Empty remaining contents.

Dispose of as unused product.

Empty containers should be taken to an approved waste

handling site for recycling or disposal. Do not re-use empty containers.

### **SECTION 14. TRANSPORT INFORMATION**

### International transport regulations

#### REGULATION

112002/111011					
ID NUMBER	PROPER SHIPPING NAME	*HAZARD	SUBSIDIARY	PACKING	MARINE
		CLASS	HAZARDS	GROUP	POLLUTANT /
					LTD. QTY.

### **U.S. DOT - ROAD**

Not dangerous goods	

## U.S. DOT - RAIL

<del></del>		
	Not dangerous goods	

### **U.S. DOT - INLAND WATERWAYS**

Not dangerous goods	

<b>ASHLAND</b>	Page: 11
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 6/29/2015
	SDS Number: R0373081
Maxlife™ ATF WITH STOP LEAK	Version: 1.0
VV337	

		Not dangerous goods			
RANS	PORT CA	NADA - RAIL			
		Not dangerous goods			
RANS	PORT CA	NADA - INLAND WATERWAYS			
		Not dangerous goods			
UN	3082	L MARITIME DANGEROUS GOO ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (HETEROCYCLIC ETHER, ALKYL METHACRYLATE)	9	III	MARINE POLLUTANT: HETEROCYC IC ETHER, ALKYL METHACRYL TE)LIMITED QUANTITY
NTERN	NATIONAL	L AIR TRANSPORT ASSOCIATI  Not dangerous goods	ON - CARGO		
		riot dangerous goods			
NTERN	IATIONAI	L AIR TRANSPORT ASSOCIATI	ON - PASSEN	IGER	
		Not dangerous goods			

# \*ORM = ORM-D, CBL = COMBUSTIBLE LIQUID

Not dangerous goods

**WASTES** 

	 <del>-</del>
Marine pollutant	ves
I Marine politicarii	l yes

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

## **SECTION 15. REGULATORY INFORMATION**

SARA 311/312 Hazards : Acute Health Hazard

<b>ASHLAND</b>	Page: 12
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 6/29/2015
	SDS Number: R0373081
Maxlife™ ATF WITH STOP LEAK	Version: 1.0
VV337	

SARA 313 Component(s)SARA 313 : This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

64742-54-7

Pennsylvania Right To Know

HYDROTREATED LIGHT PARAFFINIC 64742-55-8 10.00 - 20.00 % DISTILLATE

3-(decyloxy)tetrahydrothiophene 1,1-dioxide 18760-44-6 5.00 - 10.00 % MINERAL OIL Not Assigned 1.00 - 5.00 %

AUTOMATIC TRANSMISSION FLUID Not Assigned 1.00 - 5.00 % ADDITIVE

**New Jersey Right To Know** 

HEAVY PARAFFINIC DISTILLATE 64742-54-7 70.00 - 90.00 % HYDROTREATED LIGHT PARAFFINIC 64742-55-8 10.00 - 20.00 %

3-(decyloxy)tetrahydrothiophene 1,1-dioxide 18760-44-6

18760-44-6 5.00 - 10.00 %

MINERAL OIL

DISTILLATE

Not Assigned 1.00 - 5.00 %

AUTOMATIC TRANSMISSION FLUID ADDITIVE

HEAVY PARAFFINIC DISTILLATE

Not Assigned 1.0

1.00 - 5.00 %

70.00 - 90.00 %

California Prop 65

Proposition 65 warnings are not required for this product

based on the results of a risk assessment.

The components of this product are reported in the following inventories:

TSCA : On TSCA Inventory

DSL : All components of this product are on the Canadian DSL.

AUSTR : On the inventory, or in compliance with the inventory

ENCS : On the inventory, or in compliance with the inventory

KECL : On the inventory, or in compliance with the inventory

PICCS : On the inventory, or in compliance with the inventory

IECSC : On the inventory, or in compliance with the inventory

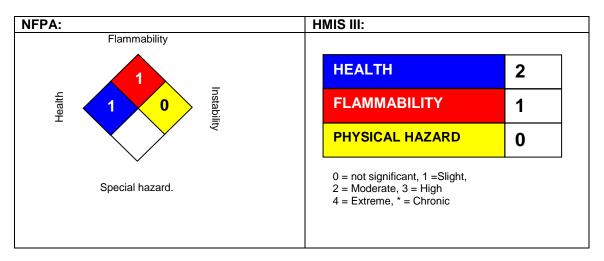
### Inventories

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

<b>ASHLAND</b>	Page: 13
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 6/29/2015
	SDS Number: R0373081
Maxlife™ ATF WITH STOP LEAK	Version: 1.0
VV337	

#### **SECTION 16. OTHER INFORMATION**

**Further information** Revision Date: 05/22/2015



### NFPA Flammable and Combustible Liquids Classification

Combustible Liquid Class IIIB

### Full text of H-Statements referred to under sections 2 and 3.

H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H402	Harmful to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

Sources of key data used to compile the Safety Data Sheet Ashland internal data including own and sponsored test reports

The UNECE administers regional agreements implementing harmonised classification for labelling (GHS) and transport.

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This SDS has been prepared by Ashland's Environmental Health and Safety Department (1-800-325-3751).

List of abbreviations and acronyms that could be, but not necessarily are, used in this safety data sheet:

ACGIH: American Conference of Industrial Hygienists

BEI: Biological Exposure Index

<b>ASHLAND</b>	Page: 14
SAFETY DATA SHEET	Revision Date: 05/22/2015
	Print Date: 6/29/2015
	SDS Number: R0373081
Maxlife™ ATF WITH STOP LEAK	Version: 1.0
VV337	

CAS: Chemical Abstracts Service (Division of the American Chemical Society).

CMR: Carcinogenic, Mutagenic or Toxic for Reproduction

FG: Food grade

GHS: Globally Harmonized System of Classification and Labeling of Chemicals.

H-statement : Hazard Statement

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization

ICAO-TI (ICAO): Technical Instructions by the "International Civil Aviation Organization"

IMDG : International Maritime Code for Dangerous Goods

ISO: International Organization for Standardization

logPow: octanol-water partition coefficient

LCxx: Lethal Concentration, for xx percent of test population

LDxx: Lethal Dose, for xx percent of test population. ICxx: Inhibitory Concentration for xx of a substance

Ecxx : Effective Concentration of xx N.O.S.: Not Otherwise Specified

OECD: Organization for Economic Co-operation and Development

OEL: Occupational Exposure Limit
P-Statement: Precautionary Statement
PBT: Persistent, Bioaccumulative and Toxic

PPE: Personal Protective Equipment STEL: Short-term exposure limit STOT: Specific Target Organ Toxicity

TLV: Threshold Limit Value TWA: Time-weighted average

vPvB: Very Persistent and Very Bioaccumulative

WEL: Workplace Exposure Level

CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act

**DOT**: Department of Transportation

FIFRA: Federal Insecticide, Fungicide, and Rodenticide Act HMIRC: Hazardous Materials Information Review Commission

HMIS: Hazardous Materials Identification System

NFPA: National Fire Protection Association

NIOSH: National Institute for Occupational Safety and Health OSHA: Occupational Safety and Health Administration

PMRA: Health Canada Pest Management Regulatory Agency

RTK: Right to Know

WHMIS: Workplace Hazardous Materials Information System