

Safety Data Sheet: ATF

Supersedes Date 05/22/2009

Issuing Date 02/11/2014

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name ATF
Recommended use Lubricant
Information on Manufacturer
CERTIFIED LABS, DIV. OF NCH CORP.
BOX 152170
IRVING, TEXAS 75015

Product Code 0917
Chemical nature Petroleum distillates
Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color Dark red

Physical State Liquid

Odor Oily

GHS

Classification

Physical Hazards

None

Health Hazard

Serious Eye Damage/Eye Irritation

Category 2B

Other hazards

None

Labeling

Signal Word

WARNING

Hazard Statements

H320 - Causes eye irritation

Precautionary Statements

P264 - Wash face, hands and any exposed skin thoroughly after handling.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists, get medical attention.

7 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %
Petroleum distillates, hydrotreated heavy paraffinic (<3% DMSO extractable)	64742-54-7	30-60
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	64742-65-0	30-60
Dodecyl hydroxypropyl sulfide	82412-31-5	5-10
White mineral oil, solvent refined	8042-47-5	1-5

4. FIRST AID MEASURES

General advice

Avoid contact with skin, eyes and clothing. Avoid breathing mist.

Eye Contact

Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.

Skin Contact

Wash off with soap and plenty of water. Get medical attention if irritation develops and persists.

Inhalation

If inhaled, remove to fresh air. Get medical attention if symptoms occur.

Ingestion

Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur.

Notes to physician

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flash Point 367 °F / 186 °C

Method

Seta closed cup

Flammability Limits in Air % Petroleum distillates.

Upper 7.0

Lower 0.9

Suitable Extinguishing Media

Water spray. Foam. Carbon dioxide (CO2). Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific hazards arising from the chemical

Material can create slippery conditions.

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

HMIS

Health 1

Flammability 1

Instability 0

6. ACCIDENTAL RELEASE MEASURES**Personal Precautions**

Use personal protective equipment. Ensure adequate ventilation. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.

Environmental Precautions

Do not flush into surface water or sanitary sewer system.

Methods for Containment

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

Methods for Cleaning Up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)

Neutralizing Agent

Not applicable.

7. HANDLING AND STORAGE**Handling**

Avoid contact with skin, eyes and clothing. Avoid breathing mist.

Storage

Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.

Storage Temperature

Minimum 35 °F / 2 °C

Maximum 120 °F / 49 °C

Storage Conditions

Indoor X

Outdoor

Heated

Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure Guidelines**

Component	ACGIH TLV	OSHA PEL	NIOSH
Petroleum distillates, hydrotreated heavy paraffinic (<3% DMSO extractable)	TWA: 5 mg/m ³ STEL: 10 mg/m ³	TWA: 5 mg/m ³	IDLH: 2500 mg/m ³ STEL 10 mg/m ³ TWA: 5 mg/m ³
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	TWA: 5 mg/m ³ STEL: 10 mg/m ³	TWA: 5 mg/m ³	No data available
Dodecyl hydroxypropyl sulfide	No data available	No data available	No data available
White mineral oil, solvent refined	5 mg/m ³	5 mg/m ³	IDLH 2500 mg/m ³ STEL 10 mg/m ³

Engineering Measures

Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Personal Protective Equipment**Eye/Face Protection**

Safety glasses with side-shields.

Skin Protection

For prolonged or repeated contact, use protective gloves with appropriate chemical resistance.

Respiratory Protection

In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

General Hygiene Considerations

Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Viscosity	Slight viscous
Color	Dark red	Odor	Oily
Odor Threshold	Not applicable	Appearance	Transparent
pH	Not applicable	Specific Gravity	0.860
Evaporation Rate	0 (Butyl acetate=1)	Percent Volatile (Volume)	0.1
VOC Content (%)	0	VOC Content (g/L)	0
Vapor Pressure	0.01 mmHg @ °F	Vapor Density	3.8 (Air = 1.0)
Solubility	Negligible	n-Octanol/Water Partition	No data available
Melting Point/Range	No data available	Decomposition Temperature	No data available
Boiling Point/Range	520 °F / 271 °C	Flammability (solid, gas)	No data available
Flash Point	367 °F / 186 °C	Method	Seta closed cup
Autoignition Temperature	No information available.		
Flammability Limits in Air %	Petroleum distillates.	Upper 7.0 Lower 0.9	

10. STABILITY AND REACTIVITY**Chemical Stability**

Stable. Hazardous polymerization does not occur.

Conditions to Avoid
 Incompatible Products
 Hazardous Decomposition Products
 Possibility of Hazardous Reactions

None known
 Strong oxidizing agents, Reducing agents, Acids.
 Oxides of Carbon, Nitrogen, and Sulfur, Aldehydes.
 None under normal processing

11. TOXICOLOGICAL INFORMATION

Product Information

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009):

Oral LD50 No information available
 Dermal LD50 No information available
 Inhalation LC50
 Gas No information available
 Mist No information available
 Vapor No information available

Principle Route of Exposure Eye contact, Skin contact, Inhalation.

Primary Routes of Entry None known

Acute Effects

Eyes May cause eye irritation.

Skin May cause skin irritation.

Inhalation May cause irritation of respiratory tract. (Mist).

Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Toxicity Prolonged skin contact may defat the skin and produce dermatitis. Prolonged or repeated inhalation may cause damage to the lungs.

Target Organ Effects Respiratory system, Lungs.

Aggravated Medical Conditions Respiratory disorders

Component Information

Acute Toxicity None known

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Petroleum distillates, hydrotreated heavy paraffinic (<3% DMSO extractable)	> 5000 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	no data available	no data available	no data available
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	>5000 mg/kg (rat)	>5000 mg/kg (rabbit)	no data available	no data available	no data available
Dodecyl hydroxypropyl sulfide	no data available	no data available	no data available	no data available	no data available
White mineral oil, solvent refined	> 5000 mg/kg (Rat)	no data available	no data available	no data available	no data available

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Petroleum distillates, hydrotreated heavy paraffinic (<3% DMSO extractable)	no data available	no data available	no data available	no data available	respiratory system
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	no data available	no data available	no data available	no data available	lungs
Dodecyl hydroxypropyl sulfide	no data available	no data available	no data available	no data available	no data available
White mineral oil, solvent refined	no data available	no data available	no data available	no data available	respiratory system

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	ACGIH	IARC	NTP	OSHA	Other
Petroleum distillates, hydrotreated heavy paraffinic (<3% DMSO extractable)	not applicable	not applicable	not applicable	not applicable	not applicable
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	not applicable	not applicable	not applicable	not applicable	not applicable
Dodecyl hydroxypropyl sulfide	not applicable	not applicable	not applicable	not applicable	not applicable
White mineral oil, solvent refined	not applicable	not applicable	not applicable	not applicable	not applicable

12. ECOLOGICAL INFORMATION

Product Information

No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Petroleum distillates, hydrotreated heavy paraffinic (<3% DMSO extractable)	no data available	LC50 > 5000 mg/L Oncorhynchus mykiss 96 h	no data available	EC50> 1000 mg/L 48 h	N/A
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	no data available	LC50 > 5000 mg/L Oncorhynchus mykiss 96 h	no data available	EC50> 1000 mg/L 48 h	N/A
Dodecyl hydroxypropyl sulfide	no data available	no data available	no data available	no data available	N/A
White mineral oil, solvent refined	no data available	LC50 > 10000 mg/L Lepomis macrochirus 96 h	no data available	no data available	>6

Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Mobility

No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal

Dispose of in accordance with local regulations.

Container Disposal

Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT

Not regulated

TDG

Not regulated

ICAO

Not regulated

IATA

Not regulated

IMDG/IMO

Not regulated

15. REGULATORY INFORMATION

Inventories**TSCA**

Complies

DSL

Complies

U.S. 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	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	Yes	No	No	No

CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs
Petroleum distillates, hydrotreated heavy paraffinic (<3% DMSO extractable)	Not applicable	Not applicable
Petroleum distillates, solvent dewaxed heavy paraffinic (<3% DMSO extractable)	Not applicable	Not applicable
Dodecyl hydroxypropyl sulfide	Not applicable	Not applicable
White mineral oil, solvent refined	Not applicable	Not applicable

16. OTHER INFORMATION

Prepared By

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Reason for Revision

No information available.

Glossary

No information available.

List of References.

No information available.

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