# SAFETY DATA SHEET.

Issuing date 26-May-2015

Revision Date 26-May-2015

Version 1

# MISIDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY UNDER VAKING

Product identifier **Product name** 

16A CUTTING OIL

Recommended use of the chemical and restrictions on use

Product code

F00947

**Product Type** Synonyms

Extremely flammable aerosol

None

Supplier's details

Recommended Use Uses advised against CUTTING OIL.

No information available

Manufactured For: 1st Ayd Corporation 1325 Gateway Drive Elgin, IL 60124

Emergency telephone number Chemical Emergency Phone

800-255-3924

Number

#### 2 HAZARDSIDENTIFICATION

#### Classification

	Category 1
Hammable aerosols	Category 1
Gases under pressure	Compressed Gas

# GHS Label elements, including precautionary statements

#### **Emergency Overview**

#### DANGER

#### Hazard Statements

May be fatal if swallowed and enters airways

Extremely flammable aerosol

Contains gas under pressure; may explode if heated



Appearance Clear

Physical state Aerosol

Odor Solvent

### **Precautionary Statements - Prevention**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking

Do not spray on an open flame or other ignition source

Pressurized container. Do not pierce or burn, even after use

#### **Precautionary Statements - Response**

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Do NOT induce vomiting

### Precautionary Statements - Storage

Store locked up

Protect from sunlight. Store in a well-ventilated place

Do not expose to temperatures exceeding 122°F (50°C)

#### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

#### Hazards not otherwise classified (HNOC)

None

#### Other information

6E-06% of the mixture consists of ingredient(s) of unknown toxicity

# Chemical Name CAS-No Weight %\*

NAPHTHENIC OIL, SEVERELY HYDROTREATED	64742-52-5	30-40
PROPANE/ISOBUTANE/N-BUTANE	68476-86-8	20-30
CHLORINATED ESTERS	68440-29-9	1-10

<sup>\*</sup>The exact percentage (concentration) of composition has been withheld as a trade secret.

# 4 FIRST AID MEASURES

# First aid measures for different exposure routes

Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep

eye wide open while rinsing. If symptoms persist, call a physician.

Skin contact

Wash off immediately with soap and plenty of water while removing all contaminated

clothes and shoes. If skin irritation persists, call a physician.

Inhalation

Move to fresh air. If breathing is difficult, give oxygen. Artificial respiration and/or oxygen

may be necessary. If breathing has stopped, contact emergency medical services

immediately.

Ingestion

Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious

person. Drink plenty of water. Call a physician or Poison Control Center immediately.

# Most important symptoms/effects, acute and delayed

Main Symptoms

ingestion causing lung damage.

# Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician

Treat symptomatically.

# 6 FIRE FIGHTING MEASURES

Suitable Extinguishing Media

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

Unsuitable Extinguishing Media Decomposition by contact with water may generate vapors which can be ignited by heat or open flame.

# Specific hazards arising from the chemical

No information available.

**Explosion Data** 

Sensitivity to Mechanical Impact none.

Sensitivity to Static Discharge

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 AGCIDENTAL RELEASE MEASURES

# Personal precautions, protective equipment and emergency procedures

Personal precautions

Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Avoid dust formation. Remove all sources of ignition. Keep people away from and upwind of spill/leak.

Take precautionary measures against static discharges.

Environmental precautions

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**Environmental precautions** 

Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. Prevent further leakage or spillage if safe to do so. Do not allow material to contaminate ground water system. Prevent product from entering drains.

# Methods and materials for containment and cleaning up

Methods for Containment

Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Pick up and transfer to properly labeled containers. Soak up with inert absorbent material. Clean contaminated surface thoroughly. After cleaning, flush away traces with water. Take precautionary measures against static discharges.

# // HANDUNG/ANDISTORAGE

#### Precautions for safe handling

Advice on safe handling

Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Keep away from open flames, hot surfaces and sources of ignition. Take precautionary measures against static discharges.

# Conditions for safe storage, including any incompatibilities

Technical measures/Storage

conditions

Keep container tightly closed in a dry and well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Keep in properly labeled containers. Keep out of the reach of children. Store locked up.

Incompatible products

Strong acids, alkalis, or oxidizing agents.

Aerosol Level

# 8 EXPOSURE CONTROLS PERSONAL PROTECTION AND ASSESSED.

#### Control parameters

**Exposure Guidelines** 

This product does not contain any hazardous materials with occupational exposure limits

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
PROPANE/ISOBUTANE/N-BUTANE 68476-86-8	74-98-6; TWA: 1000 ppm 106-97-8; STEL: 1000 ppm 75-28-5: STEL: 1000 ppm	74-98-6:TWA: 1000 ppm TWA: 1800 mg/m³ (vacated) TWA: 1000 ppm (vacated) TWA: 1800 mg/m³ 106-97-8: (vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m³	74-98-6:IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m³ 106-97-8:TWA: 800 ppm TWA: 1900 mg/m³ 75-28-5:TWA: 800 ppm TWA: 1900 mg/m³

ACGIH: (American Conference of Governmental Industrial Hygienists)

OSHA: (Occupational Safety & Health Administration)

Exposure controls

**Engineering Measures** 

Showers

Eyewash stations Ventilation systems.

# Individual protection measures, such as personal protective equipment

Eye/Face Protection

Safety glasses with side-shields.

Skin and body protection

Chemical resistant apron. Protective gloves.

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.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

# 9 PHYSICAL AND CHEMICAL PROPERTIES

#### Physical and chemical properties

Physical state Appearance

Aerosol Clear dark amber

Odor **Odor Threshold**  Solvent No information available

Remarks - Methods

Based on propellant

Color

**Property** No information available рΗ Melting/freezing point Boiling point/boiling range Flash Point Evaporation rate

Flammability (solid, gas) Flammability Limits in Air

upper flammability limit lower flammability limit Vapor pressure Vapor density

Specific Gravity Water solubility Partition coefficient: n-octanol/waterNo information available **Autoignition temperature Decomposition temperature** 

Viscosity Explosive properties

Values

No information available No information available -96.4 °C / -141 °F No information available

No information available No information available

No information available No information available No information available .819 Practically insoluble

No information available No information available

No information available No information available

#### Other information

VOC Content(%)

20.88

# AU STABILITY AND REACTIMITY.

### Reactivity

No data available

### Chemical stability

Stable under recommended storage conditions.

#### Possibility of hazardous reactions

None under normal processing.

#### Conditions to Avoid

Extremes of temperature and direct sunlight.

#### Incompatible Materials

Strong acids, alkalis, or oxidizing agents.

### **Hazardous Decomposition Products**

None known based on information supplied.

# ANZTOXIGOLOGICALLINFORMATION

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# information on likely routes of exposure

#### Product information

Inhalation

Avoid breathing vapors or mists.

Eye contact

Avoid contact with eyes.

Skin contact

Avoid contact with skin.

Ingestion

May be harmful or fatal if swallowed. Aspiration into the lungs during swallowing may

cause serious lung damage which may be fatal.

#### Component Information

### Information on toxicological effects

Symptoms

May cause mild irritation. Harmful if swallowed. May be fatal if swallowed and enters

airways.

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

Sensitization

Germ Cell Mutagenicity

Carcinogenicity

Reproductive toxicity Specific target organ systemic

toxicity (single exposure) Specific target organ systemic

toxicity (repeated exposure)

Neurological effects

None known.

None known. There are no known carcinogenic chemicals in this product.

This product does not contain any known or suspected reproductive ha≥ards.

None under normal use conditions.

None under normal use conditions.

Intentional misuse by deliberately concentrating and inhaling contents may be harmful or

Aspiration hazard

May be fatal if swallowed and enters airways.

# Numerical measures of toxicity - Product Information

**Unknown Acute Toxicity** 

6E-06% of the mixture consists of ingredient(s) of unknown toxicity

The following values are calculated based on chapter 3.1 of the GHS document . ATEmix (oral)

15815 mg/kg

ATEmix (inhalation-gas)

· 1263941 mg/l

# 12 ECOLOGICAL INFORMATION

#### **Ecotoxicity**

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to	Toxicity to daphnia and
NAPHTHENIC OIL,			microorganisms	other aquatic invertebrate
SEVERELY HYDROTREATED 64742-52-5	-	5000 mg/L LC50 Oncorhynchus mykiss 96h	_	1000 mg/L EC50 Daphnia magna 48h
ROPANE/ISOBUTANE/N- BUTANE 68476-86-8	-	-		

# Persistence and degradability

No information available.

#### **Bioaccumulation**

No information available.

Chemical Name log Pow
103.70

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#### F00947 - 16A CUTTING OIL

2.8 PROPANE/ISOBUTANE/N-BUTANE 68476-86-8

Other adverse effects

No information available

# 13 DISPOSAL CONSIDERATIONS

Waste treatment

**Waste Disposal Methods** 

It must undergo special treatment, e.g. at suitable disposal site, to comply with local

regulations.

Contaminated packaging

Do not re-use empty containers.

# 14 TRANSPORT INFORMATION

**DOT Ground** 

CONSUMER COMMODITY ORM-D

LIMITED QUANTITY

IATA

UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD. QTY.

IMDG

UN1950, AEROSOLS, FLAMMABLE, 2.1, LTD. QTY.

### IS REGULATIONY INFORMATION

#### International Inventories

Chemical Name	TSCA	DSL/NDSL	EINECS/ELI NCS	ENCS	IECSC	KECL	PICCS	AICS
NAPHTHENIC OIL, SEVERELY HYDROTREATED	Х	. X	X	X	X	X	X	X
PROPANE/ISOBUTA NE/N-BUTANE	Х	Х	Х	Not listed	X	×	X	X
CHLORINATED ESTERS	Х	X	Х	Not listed	Х	X	X	X

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 Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

CHINA - 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

### U.S. Federal Regulations

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 Hazard Categories

Acute Health Hazard Yes
Chronic Health Hazard no
Fire Hazard Yes
Sudden Release of Pressure Hazard Yes
Reactive Hazard no

#### 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).

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

### U.S. State Regulations

# California Proposition 65

This product does not contain any known Proposition 65 chemicals.

### U.S. State Right-to-Know Regulations

EPA Pesticide Registration Number Not applicable

#### Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

# A6 OTHER INFORMATION

NFPA Health Hazard 2 Flammability 4 Instability 0 Physical and chemical hazards HMIS Health Hazard 2 Flammability 4 Physical Hazard 1 Personal protection B

Prepared By Regulatory Affairs Issuing date 26-May-2015 Revision Date 26-May-2015 Revision Note

No information available

#### <u>Disclaimer</u>

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**