

Safety Data Sheet

Classified in accordance 29 CFR 1910.1200

1. Product Identification

Product Information:	1000041029
Product Identifier:	1st AYD #85 ENGINE DEGREASER
Recommended Use:	Cleaner
Manufacturer/Importer/Distributor Information:	1ST AYD. CORPORATION 1325 GATEWAY DRIVE ELGIN, IL 60124 US 847-622-0001
Emergency Telephone:	1-866-836-8855

2. Hazard(s) identification

Classification

Flammable Aerosol, category 1
Aspiration Hazard, category 1
Acute Toxicity, Inhalation, category 3
Carcinogenicity, category 2

Label elements

HAZARD PICTOGRAMS



SIGNAL WORD

Danger

GHS HAZARD STATEMENTS

H222	Extremely flammable aerosol.
H304	May be fatal if swallowed and enters airways.
H331	Toxic if inhaled.
H351	Suspected of causing cancer.

GHS PRECAUTIONARY STATEMENTS

Prevention

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P261	Avoid breathing dust, fumes, gas, mist, vapours, or spray.

P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves and protective clothing
Response	
P301+P310+P331	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P311	Call a POISON CENTER or doctor/physician.
Storage	
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.
Disposal	
P501	Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Other Information

None

3. Composition/Information on Ingredients

Mixtures

<u>Chemical Identity</u>	<u>CAS Number</u>	<u>Content in Percent (%)*</u>
Kerosene	8008-20-6	75-100
Propane	74-98-6	2.5-10
Nonylphenol, 4-, Branched, Ethoxylated	127087-87-0	2.5-10
Naphthalene	91-20-3	1.0-2.5
Glycol ethers		0.1-1.0

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Composition Comments: Other components are not hazardous or are below required disclosure limits.

The exact concentration has been withheld as a trade secret.

4. First-aid Measures

SKIN CONTACT: Remove contaminated clothing and wash the skin thoroughly with soap and water after work.

EYE CONTACT: Rinse immediately with plenty of water.

INHALATION: Move to fresh air.

INGESTION: Keep the victim calm and warm. Do NOT induce vomiting. If conscious, rinse mouth with water. Never give anything by mouth to an unconscious or convulsing person. If vomiting occurs spontaneously, keep head below hips to prevent aspiration into the lungs. Get immediate medical attention.

IMPORTANT SYMPTOMS: Suspected of causing cancer. Aspiration hazard: Harmful or fatal if swallowed.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED: Get medical attention if symptoms occur. Immediate medical attention is required for ingestion.

5. Fire-fighting Measures

EXTINGUISHING MEDIA: Use fire-extinguishing media appropriate for surrounding materials.

UNSUITABLE EXTINGUISHING MEDIA: Do not use water jet as an extinguisher, as this will spread the fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Extremely flammable aerosol. Contents under pressure. Keep away from ignition sources and open flames. Prolonged exposure to temperatures above 120°F may cause cans to burst. Vapors may travel considerable distance to a source of ignition and flash back. Combustion may produce carbon dioxide and carbon monoxide.

SPECIAL FIREFIGHTING PROCEDURES: No data available**6. Accidental Release Measures****PERSONAL PRECAUTIONS :** Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind.**METHODS AND MATERIALS FOR CONTAINMENT AND CLEANUP:** Leaking cans should be placed in a plastic bag or open pail away from ignition sources until the pressure has dissipated. Collect liquid spill with an inert absorbent material and place into a suitable container for disposal.**ENVIRONMENTAL PRECAUTIONS:** Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water sources or sewer. Environmental manager must be informed of all major spillages.**7. Handling and Storage****HANDLING:** Keep away from sources of ignition - No smoking. Keep away from open flames, hot surfaces and sources of ignition. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.**SAFE HANDLING ADVICE:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use.**STORAGE:** Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.**NFPA 30B:** Aerosol Level 3**8. Exposure Controls/Personal Protection****Ingredients with Occupational Exposure Limits**

<u>Chemical Name</u>	<u>TLV-TWA</u>	<u>TLV-STEL</u>	<u>PEL-TWA</u>	<u>PEL-CEILING</u>
Kerosene	200 mg/m ³	N.E.	N.E.	N.E.
Propane	N.E.	N.E.	1000 ppm	N.E.
Nonylphenol, 4-, Branched, Ethoxylated	N.E.	N.E.	N.E.	N.E.
Naphthalene	10 ppm	N.E.	10 ppm	N.E.
Glycol ethers	N.E.	N.E.	N.E.	N.E.

Further Advice: MEL = Maximum Exposure Limit OES = Occupational Exposure Standard SUP = Supplier's Recommendation
Sk = Skin Sensitizer N.E. = Not Established**ENGINEERING CONTROLS:** No data available**Personal Protection****EYE/FACE PROTECTION:** Wear goggles/face shield.**SKIN PROTECTION:** No data available**RESPIRATORY PROTECTION:** Seek advice from local supervisor. In case of inadequate ventilation use suitable respirator.**HYGIENIC PRACTICES:** When using do not smoke. Observe good industrial hygiene practices.

9. Physical and Chemical Properties

Appearance:

Physical State:	Liquid
Form:	Spray Aerosol
Color:	No data available
Odor:	No data available
Odor Threshold:	No data available
pH:	No data available
Freeze Point, °C:	No data available
Boiling Point, °C:	7
Flash Point, °C:	-104
Flammability (solid, gas):	No data available
Evaporation Rate:	No data available
Combustibility:	Supports Combustion
Explosive Limits, %:	0.4 - 9.5
Vapor Pressure @20°C, PSI:	No data available
Vapor Density:	No data available
Relative Density:	No data available
Solubility in Water:	No data available
Partition Coefficient, n-octanol/water:	No data available
Auto-Ignition Temperature, °C:	No data available
Decomposition temperature, °C:	No data available
Kinematic Viscosity:	No data available

10. Stability and Reactivity

REACTIVITY: Not reactive under normal conditions of use.

STABILITY: Material is stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS: No data available

CONDITIONS TO AVOID: Keep away from heat, sparks, flames, and other sources of ignition. Do not puncture or incinerate containers. Dropping containers may cause bursting.

INCOMPATIBILITY: No data available

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion may produce carbon dioxide and carbon monoxide.

11. Toxicological Information

Information on Likely Routes of Exposure

SKIN CONTACT EFFECTS: May cause irritation on prolonged or repeated contact.

EYE CONTACT EFFECTS: May cause slight irritation with tearing.

INHALATION EFFECTS: Inhalation of high concentrations of mists may cause irritation of the nose throat and upper respiratory tract.

INGESTION EFFECTS: Aspiration into the lungs during ingestion or vomiting may cause serious lung damage which may be fatal.

Carcinogenicity: contains 1 component (Naphthalene) present at a level greater or equal to 0.1% that have been identified as possible carcinogenic to humans by IARC (Group 2B).

The following values are calculated based on chapter 3.1 of the GHS document. The product itself has not been tested.

<u>ATE ORAL</u>	3,824 mg/kg
<u>ATE DERMAL</u>	2,197 mg/kg
<u>ATE INHALATION</u>	6 mg/kg

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below

<u>CAS-No.</u>	<u>Chemical Name</u>	<u>Oral LD50</u>	<u>Dermal LD50</u>	<u>Vapor LC50</u>
8008-20-6	Kerosene	5,000 mg/kg	2,000 mg/kg	>5.28 mg/L Rat
74-98-6	Propane	5,000 mg/kg	5,000 mg/kg	100 mg/l
127087-87-0	Nonylphenol, 4-, Branched, Ethoxylated	500 mg/kg	5,000 mg/kg	100 mg/l
91-20-3	Naphthalene	5,000 mg/kg	2,500 mg/kg	100 mg/l
	Glycol ethers	500 mg/kg	5,000 mg/kg	N.I.

N.I. = No Information

Skin Corrosion & Irritation:

Product: No data available

Serious Eye Damage & Irritation:

Product: No data available

Respiratory or Skin Sensitization:

Product: No data available

STOT-Single Exposure:

Product: No data available

STOT-Repeated Exposure:

Product: No data available

Aspiration Hazard:

Product: No data available

Components:

Kerosene 8008-20-6 May be fatal if swallowed and enters airways.

Carcinogenicity:

Product: No data available

Components:

Naphthalene 91-20-3 Suspected of causing cancer

Reproductive Toxicity:

Product: No data available

Germ Cell Mutagenicity:

Product: No data available

12. Ecological Information

ECOLOGICAL INFORMATION: No data available

PERSISTENCE: No data available

BIOACCUMULATE: No data available

MOBILITY IN SOIL: No data available**OTHER ECOLOGICAL:** No data available**13. Disposal Information****DISPOSAL INFORMATION:** Consult with your local, regional and federal agencies for information on proper disposal.**CONTAMINATED PACKAGING :** Consult with your local, regional and federal agencies for information on proper disposal.**14. Transport Information****SPECIAL TRANSPORT PRECAUTIONS:** No data available**DOT**

UN Number:	UN1950
Proper Shipping Name:	AEROSOLS, FLAMMABLE
Technical Name:	N/A
Hazard Class(es)	
Class:	2.1
Subsidiary Risk	6.1
Packing Group:	N/A

IATA

UN Number:	UN1950
Proper Shipping Name:	AEROSOLS, flammable, containing substances in Class 6.1, packing group III
Technical Name:	N/A
Hazard Class(es)	
Class:	2.1
Subsidiary Risk:	6.1
Packing Group:	N/A

IMDG

UN Number:	UN1950
Proper Shipping Name:	AEROSOLS, flammable, containing substances in Class 6.1, packing group III
Technical Name:	N/A
Hazard Class(es)	
Class:	2.1
Subsidiary Risk:	6.1
Packing Group:	N/A

The classification shown in this section may be eligible for use of an exception, such as 'Limited Quantity', per the dangerous goods regulations. The shipper of this product should consult the applicable mode's regulation for the UN number displayed above to determine if any exceptions are available and may be utilized, at the shipper's discretion.

15. Regulatory Information**CHEMICAL INVENTORY STATUS:****TSCA** On or in compliance with the inventory**DSL** All ingredients in this product are listed on the DSL or are exempt.**CALIFORNIA PROPOSITION 65 CARCINOGENS AND REPRODUCTIVE TOXINS:**

**WARNING**

Warning: This product may contain ingredients known to the state of California to cause Cancer or Reproductive Harm.

Chemical Name**CAS-No.**

Naphthalene

91-20-3

1,4-Dioxane

123-91-1

Ethylene Oxide

75-21-8

16. Other Information

Revision Date: 6/23/2023

Datasheet produced by: Regulatory Department

Legend

N/A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

TLV - Threshold Limit Values (TLVs[®]), as established by the American Conference of Governmental Industrial Hygienists (ACGIH[®])

PEL - Permissible Exposure Limit, as established by the U.S. Occupational Safety and Health Administration (OSHA), as amended

TSCA - U.S. Toxic Substance Control Act

DSL - Canada Environmental Protection Act: Domestic Substance List

This information is being provided in accordance with the Occupational Safety and Health Administration (OSHA) regulation (29 CFR 1910.1200). The information supplied is designed for workplaces where the product use and frequency of exposure exceeds that established for the labeled consumer use.

Further Information

This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the manufacturer's and seller's control. Purchaser and user are responsible for determining the suitability of the product for a particular purpose, adopting precautions for the protection of property and persons, and compliance with all Federal, State, Provincial, and Local laws.