

ACP-461 Rug & Upholstery Cleaner (Bonnet Type)

Date: 4/12/2022

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Rug & Upholstery Cleaner (Bonnet Type)

Other Means of Identification

Product Code 461

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Rug & Upholstery Cleaner
Uses Advised Against For industrial and commercial use only.

Details of the Supplier of the Safety Data Sheet

Manufacturer Address Arrow Chemical Products, Inc.
5933 W. KL Ave.
Kalamazoo, MI 49009

Emergency Telephone Number

Company Phone Number 313-237-0277
Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Classification

Acute toxicity - Oral	Category 4
Skin Corrosion/Irritation	Category 2
Serious Eye Damage/Eye Irritation	Category 2 Subcategory A

Hazard Statements

May be harmful if swallowed
Causes skin irritation
Causes serious eye irritation

Signal Word

Warning



Appearance: Clear liquid

Physical State: Liquid

Odor: Pleasant Fragrance

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
 Do not eat, drink or smoke when using this product
 Wear protective gloves/protective clothing/eye protection/face protection
 Keep container tightly closed
 Do not taste or swallow

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 Get medical attention if irritation occurs
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Rinse mouth.
IN CASE OF FIRE: Use CO2, dry chemical, or foam for extinction

Precautionary Statements - Storage

Store locked up in a well-ventilated place. Keep out of reach of children. Keep unused container tightly closed.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards Not Otherwise Classified (HNOC)

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Diethylene Glycol Monobutyl ether	112-34-5	0 - 10
Isopropanol	67-63-0	0 - 10
Tetrapotassium Pyrophosphate	7320-34-5	0 - 10
Alkanolamide	Mixture	0 - 10

4. FIRST AID MEASURES

First Aid Measures

- General Advice** If exposed or concerned: Get medical advice/attention.
- Inhalation** Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if irritation occurs.
- Eye Contact** Flush immediately eyes thoroughly with water for at least 15 minutes. Get medical attention if irritation occurs.
- Ingestion** Rinse mouth. Do NOT induce vomiting. If symptoms persist, get medical attention.
- Skin Contact** Wash with plenty of soap and water. Get medical attention if irritation occurs.

Most Important Symptoms and Effects, both Acute and Delayed

- Symptoms** May be harmful if swallowed. Irritation to skin and eyes. Contact with eyes may cause stinging, tearing, redness, swelling and blurred vision. On skin may cause redness and pain.

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Water fog, foam, dry chemical powder, carbon dioxide (CO2)

Unsuitable Extinguishing Media Do not use water jet as this may spread fire.

Specific Hazards Arising from the Chemical

During a fire, gasses hazardous to health may be formed.

Hazardous Combustion Products Carbon monoxide, oxides of potassium

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

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Absorb spilled material and sweep up.

Environmental Precautions Prevent product from entering drains. Do not flush into surface water or sanitary sewers.

Methods and Material for Containment and Cleaning Up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up Absorb spilled material and sweep up. Do not hose spills down drains, sewers, or waterways. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling Do not eat, drink or smoke when handling this product. Wear protective gloves/protective clothing and eye/face protection. Wash face, hands, and any exposed skin thoroughly after handling.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions Store locked up. Store away from incompatible materials. Store in a well ventilated area. Keep container tightly closed.

Incompatible Materials Strong oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Diethylene Glycol Monobutyl Ether 112-34-5	TWA: 10 ppm		
Isopropyl alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm	TWA: 400 ppm
Tetrapotassium Pyrophosphate 7320-34-5		15 mg/m3 (total dust) 5 mg/m3 (resp fraction)	

Appropriate Engineering Controls

Engineering Controls Good general ventilation (local exhaust) should be sufficient. Eyewash stations. Showers.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection Splash proof chemical safety goggles

Skin and Body Protection Impervious gloves and clothing.

Respiratory Protection Under normal circumstances, no protective equipment is needed. .

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice. Take off all contaminated clothing and wash it before reuse. Wash face, hands and any exposed skin thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid	Odor	Pleasant fragrance
Appearance	Clear liquid	Odor Threshold	Not determined
Color	Clear		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	9.0 – 10.0	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not determined	
Flash Point	Not determined	
Evaporation Rate	1	Water = 1
Flammability (Solid, Gas)	N/A- Liquid	
Upper Flammability Limits	Not Applicable	
Lower Flammability Limit	Not Applicable	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	1.042	
Water Solubility	Complete	
Solubility in Other Solvents	Not Applicable	
Partition Coefficient	Not determined	
Auto ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization Will not occur.

Conditions to Avoid

Excessive heat and contamination.

Incompatible Materials

Strong oxidizing agents

Hazardous Decomposition Products

Carbon monoxide

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Inhalation Avoid breathing vapors or mists

Eye Contact Causes severe eye irritation

Skin Contact Causes skin irritation. May be harmful in contact with skin.

Ingestion Do not taste or swallow. Harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Diethylene glycol monobutyl ether 112-34-5	2410 mg/kg (Mouse)	2764 mg/kg (Rabbit)	>2.1 mg/l (Rat) 4 h
Isopropyl alcohol 67-63-0	5050 mg/kg (Rat)	12800 mg/kg (Rabbit)	-
Alkanolamide Mixture	1200 mg/kg (Rat)	>2000 mg/kg (Rat)	

Symptoms Irritating to skin

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Skin Corrosion/Irritation Causes skin irritation.

Serious Eye Damage/Eye Irritation Causes eye irritation.

Carcinogenicity No components of this product have been identified as carcinogens by ACGIH, IARC, NTP or OSHA.

Numerical Measures of Toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Isopropyl alcohol 67-63-0		LC50: Pimephales promelas 9640 mg/L 96 h		EC50: Daphnia magna 1400 mg/L 48 h

Persistence and Degradability

Not determined

Bioaccumulation

Not determined

Mobility

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT

Not Regulated

IATA

Not Regulated

IMDG

Not Regulated

15. REGULATORY INFORMATION

International Inventories

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country (s). A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country (s).

TSCA	United States Toxic Substances Control Act Section 8(b) Inventory	Yes
DSL	Canadian Domestic Substances List	Yes
NDSL	Non-Domestic Substances List	No
EINECS	European Inventory of Existing Chemical Substances	Yes
ELINCS	European List of Notified Chemical Substances	No
ENCS	Japan Existing and New Chemical Substances	Yes
IECSC	China Inventory of Existing Chemical Substances	Yes
KECL	Korean Existing and Evaluated Chemical Substances	Yes
PICCS	Philippines Inventory of Chemicals and Chemical Substances	Yes
New Zealand	New Zealand Inventory	Yes

US Federal Regulations

SARA 313

To the best of our knowledge, this product does not contain chemical that require reporting under SARA Title III, Section 313 and 40 CFR 372.

US State Regulations

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Isopropyl alcohol 67-63-0	X	-	X

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	1	0	0	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	1	0	0	B

Disclaimer

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

End of Safety Data Sheet