Material Safety Data Sheet

1. Identification of the Substance / Mixture and the Company / Undertaking

Product: Undrdog Rinseless Wash

Company name: Undrdog Surface Products LLC

Product: 122 Rose Lane, Suite 201, Frisco, 75036, Texas, USA

Phone: +1 888-546-5098

Email: howdy@getundrdog.com

Department: Research & Development

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2. Hazards Identification

2.1 Classification of the substance or mixture

Pictograms:

Signal word: Warning.

2.2 Label elements

Hazard statements

H303 May be harmful if swallowed

H320 Causes eye irritation

Precautionary statements

General

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

Prevention

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P280 Wear protective gloves/eye protection.

Response

P301 + P312 If Swallowed Call a POISON CONTROL CENTER or a doctor/physician. Rinse mouth.

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+313 If eye irritation persists get medical advice/attention

Disposal

P501 Dispose of contents/container to an approved waste disposal plant.

Additional labeling

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3. Composition / Information on Ingredients

3.2 Mixture

CAS / EC No.	REACH No	Name	Content %	Classification CLP
7732-18-5	-	Water	60 – 100	-
67-63-0	-	Isopropyl alcohol	≤ 1	-
60828-78-6	-	Polyethylene Glycol Trimethylnonyl Ether	≤ 8	-
63148-62-9	-	Polydimethyl siloxane	≤ 15	-
Proprietary Mixture		Fragrance	< 1	-
Proprietary Mixture		Colorant	< 1	-

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4. First Aid Measures

4.1 Description of first aid measures.

General information: When in doubt or if symptoms are observed, get medical advice. Take this safety data sheet with you.

Inhalation: If breathing is difficult or irritating, move to fresh air immediately. If symptoms persist, get medical

Skin contact: Rinse area with soap and water. Seek medical attention if any redness or irritation persists

Eye contact: Flush immediately with large amounts of clean water for at least 15 minutes, Eyelids should be held away from the eyeball to ensure thorough rinsing. If any irritation persists, seek medical attention.

Ingestion: Get immediate medical attention. Do not induce vomiting unless directed by medical personnel

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5. Firefighting Measures

5.1 Extinguishing media

Use dry chemical, foam, or carbon dioxide to extinguish fire. Water may be ineffective but should be used to cool fire-exposed containers, structures and to protect personn Use water to dilute spills and to flush them away from sources of ignition.

Firefighting procedures

No special protective action for fire fighters are anticipated.

Unusual Fire and Explosion

N/A

Combustion Products

N/A

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:

Contain large spills with dikes to prevent entry to waterways and sanitary sewers and transfer the material to appropriate containers for reclamation or disposal. Absorb/trap remaining material or small spills with inert material (dirt, sand, industrial absorbent) and then place in chemical waste containers. Flush residual spill area with large amounts of water. Dispose of all clean up materials in accordance with all applicable federal, state, and local health and environmental regulations.

7. Handling and Storage

7.1 Precautions for safe handling:

Do not get in eyes, on skin or on clothing. Do not breathe vapor or mists. Keep container closed. Use only with adequate ventilation. Use good personal hygiene practices. Wash hands before eating, drinking, smoking. Remove contaminated clothing and clean before re-use. Keep away from heat and flame. Keep operating temperatures below ignition temperatures at all times. Use non-sparking tools. Chemical resistant splash goggles and chemical resistant gloves are always recommended when using chemicals.

7.2 Conditions for safe storage, including any incompatibilities:

Keep container tightly closed in a cool, dry, well-ventilated area away from heat, source of ignition and incompatibles. Do not store below 32 degrees F or above 100 degrees F. Do not store in direct sunlight. Keep away from children.

8. Exposure Controls / Personal Protection

8.1 Control parameters

Exposure Limits: Isopropyl alcohol 67-63-0

ACGIH	PEL	400 ppm

ACGIH	TWA	200 ppm
OSHA Z1	PEL	400 ppm – 980 mg/m3
OSHA Z1A	TWA	400 ppm – 980 mg/m3
OSHA Z1A	STEL	500 ppm – 1,225 mg/m3

Engineering Controls

Local exhaust ventilation may be necessary to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source. Provide mechanical ventilation for confined spaces. Use explosion-proof ventilation equipment.

Personal Protective Equipment (PPE):

Eye Protection: Wear chemical safety goggles and face shield. Have eye-wash stations available where eye contact can occur.

Skin Protection: Avoid prolonged skin contact. Wear gloves impervious to conditions of use. Additional protection may be necessary to prevent skin contact including use of apron. A safety shower should be located in the work area.

Respiratory Protection: If exposure limits are exceeded, NIOSH approved respiratory protection should be worn. A NIOSH approved respirator for organic vapors is generally acceptable

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9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties.

Occupational exposure limits EH40:

Property	Value
Flashpoint	No flash point
Lower Flammability Limit	No data available
Auto-ignition Temperature	No data available
Upper Flammability Limit	No data available
Boiling Point	°C
Volatile Organic Compound (CARB)	0.5% weight
Volatile Organic Compound (SCAQMD 443.1)	5 g/l
Melting Point	No data available
Vapor Pressure	No data available
Evaporation Rate (Water=1)	No data available
Vapor Density (Air=1)	No data available
Viscosity	No data
Solubility	Soluble in water
pH	8 ± 0.5
Pour Point	Not available
Molecular Weight	Mixture
Molecular Formula	Mixture

Odor/Appearance	Mild fruit scent / no color
Specific Gravity / Density	8.185 lbs./gal.

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10. Stability and Reactivity

10.1 Reactivity:

This material may be reactive with certain agents under certain conditions.

10.2 Chemical stability:

Stable

10.3 Possibility of hazardous reactions:

Hazardous polymerization will not occur

10.4 Conditions to avoid:

Keep away from ignition sources, heat, sparks or flames.

10.5 Incompatible materials:

Strong acids and oxidizers. Hazardous

10.6 Hazardous decomposition products:

None known

11. Toxicological Information

Signs and Systems of Exposure

Based on the test data and/or information on the components, this material may produce the following health effects:

Inhalation	Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.
Skin Contact	Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, itching, and dryness. Allergic Skin Reaction (non-photo induced) in sensitive people: Signs/symptoms may include redness, swelling, blistering, and itching.
Eye Contact	Moderate Eye Irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
Ingestion	Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.
Target Organ Effects	Allergic Skin Reaction (non-photo induced) in sensitive people. Signs/symptoms may include redness, swelling, blistering, and itching.
Toxicological Data	If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

Substance	Route	Species	Value
Polyethylene Glycol Trim	Oral	Rat	LD50: 3,300 mg/kg
Polyethylene Glycol Trim	Inhalation	-	No data available
Polyethylene Glycol Trim	Dermal	Rabbit	LD50: 8,874 mg/kg
Polydimethyl siloxane	Oral	Rat	LD50: >5000 mg/kg
Polydimethyl siloxane	Inhalation	-	No data available
Polydimethyl siloxane	Dermal	Rat	LD50: >2008 mg/kg
Isopropyl alcohol	Oral	Rat	LD50: >2000 mg/kg
Isopropyl alcohol	Inhalation	Rat	LC50: >5000 mg/kg
Isopropyl alcohol	Dermal	Rabbit	LD50: >2000 mg/kg

11.2 Information on other hazards:

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Additional information:

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12. Ecological Information

Dispose of in accordance with local, state, and federal regulations.	No data
Environmental Fate and pathways	No data

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13. Disposal Considerations

13.1 Waste treatment methods:

Avoid release to the environment.
Dispose of in accordance with internal procedures and rules. The coding of a waste stream is based on the application of the product by the consumer – end-user.

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14. Transport Information

This product is classified as dangerous to transport.

	ADR/RID	IMDG/IMO
14.1 UN number or ID number	Not classified	Not classified
14.2 UN proper shipping name	N/A	N/A
14.3 Transport hazard class(es)	N/A	N/A

14.4 Packing group	N/A	N/A
14.5 Environmental hazards- MP	N/A	N/A
Other information	N/A	N/A

14.6 Special precautions for user:

Not applicable

14.7 Maritime transport in bulk according to IMO instruments:

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

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15. Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Current ADR regulations 2023. Reporting of Injuries, Diseases and Dangerous Occurrences Regulations 2013. Regulation (EU) 2016/425 of 9 March 2016 on personal protective equipment. Hazardous Waste (England and Wales) Regulations 2005 (as amended). EC regulation 1907/2006 (REACH) Directive 2000/532/EC. Seveso directive: 96/82/EC. EC regulation No 2020/878. CLP regulation No 1272/2008. REACH regulation 1907/2006. GB CLP.

Additional information:

People under the age of 18 must not be exposed to this product. Council Directive 94/33/EC.

15.2 Chemical safety assessment:

No chemical safety assessment has been carried out for this substance/mixture by the supplier.

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15. Other Information

Full text of H-phrases as mentioned in section 3:

H225 Highly flammable liquid and vapour

H319 Causes serious eye irritation

H336 May cause drowsiness or dizziness

Additional information

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

List of abbreviations:

LD50: Lethal Dose, 50%.

LC50: Lethal Concentration 50%.

PBT: Persistent, bioaccumulative, toxic.

vPvB: very Persistent, very Bioaccumulative.

Acute Tox.: Acute toxicity
ATE: Acute Toxicity Estimate
CAS: Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
Ceiling-C: Ceiling value
DGR: Dangerous Goods Regulations (see IATA/DGR)
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
EmS: Emergency Schedule
Eye Dam. Seriously damaging to the eye
Eye Irrit.: Irritant to the eye
GHS: "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA: International Air Transport Association
IATA/DGR: Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical instructions for the safe transport of dangerous goods by air
IMDG: International Maritime Dangerous Goods Code
IMDG-Code: International Maritime Dangerous Goods Code
LC50: Lethal Concentration 50%: the LC50 corresponds to the concentration of a tested substance causing 50 % lethality during a specified time interval
MARPOL: International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
Met. Corr. Substance or mixture corrosive to metals
NLP: No-Longer Polymer
Ox. Liq.: Oxidising liquid
PBT: Persistent, Bioaccumulative and Toxic ppm Parts per million
Skin Corr.: Corrosive to skin
Skin Irrit.: Irritant to skin
STEL: Short-term exposure limit
TWA: Time-weighted average
UN RTDG: UN Recommendations on the Transport of Dangerous Good
vPvB: Very Persistent and very Bioaccumulative