

According to OSHA Hazard Communication Standard, 29 CFR 1910.1200 Initial Preparation Date: 08.01.2022 Revision date: 03.27.2024

4WD HI

### **SECTION 1: Identification**

Product Identifier Product Name: 4WD HI Product code: QW-0114

### Recommended Use of the Product and Restriction on Use

Relevant Identified Uses: Alkaline detergent for cleaning/degreasing Uses Advised Against: Not determined or not applicable. Reasons Why Uses Advised Against: Not determined or not applicable.

#### **Manufacturer or Supplier Details**

Manufacturer: United States Quest Car Care Products 3333 Production Ct. Zeeland, Michigan 49464 616-772-5100 www.questcarcare.com

# **Emergency Telephone Number:**

# **United States**

CHEMTREC 1-800-424-9300 (24 hrs) 1-800-262-8200 (24 hrs) 1-703-527-3887 (24 hrs (international))

# SECTION 2: Hazard(s) Identification

#### **GHS Classification:**

Corrosive to metals, category 1 Acute toxicity (oral), category 4 Skin corrosion, category 1A Serious eye damage, category 1 Aspiration hazard, category 1

### Label elements

#### **Hazard Pictograms:**



### Signal Word: Danger

#### Hazard statements:

H290 May be corrosive to metals H314 Causes severe skin burns and eye damage Page 1 of 13

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H318 Causes serious eye damage H302 Harmful if swallowed H304 May be fatal if swallowed and enters airways **Precautionary Statements:** P234 Keep only in original container P260 Do not breathe dust/fume/gas/mist/vapors/spray P264 Wash hands/skin thoroughly after contact with or handling. P280 Wear protective gloves/protective clothing/eye protection/face protection P270 Do not eat, drink or smoke when using this product P390 Absorb spillage to prevent material-damage P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower P363 Wash contaminated clothing before reuse P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing P310 Immediately call a POISON CENTER/911/PHYSICIAN IF: swallowed, eye contact, skin burns/rash or breathing difficulties. P321 Specific treatment (see first aid procedures on the product label in section 4 of this SDS) P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell P330 Rinse mouth P331 Do NOT induce vomiting P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/911 and follow first aid procedures on this SDS. P406 Store in corrosive resistant/or heavy duty plastic container using a chemical resistant inner liner. P405 Store locked up P501 Dispose of contents/container in accordance with local, state and federal regulations. Hazards Not Otherwise Classified: None **SECTION 3: Composition/Information on Ingredients** 

Identification	Name	Weight %
CAS Number: 7732-18-5	Water	25-50
CAS Number: 1310-58-3	Potassium hydroxide	15-25
CAS Number: Proprietary	Nonionic surfactant	5-15
CAS Number: Proprietary	Nonionic surfactant	5-15
CAS Number: 141-43-5	2-aminoethanol	1-5
CAS Number: 1643-20-5	Dodecyldimethylamine oxide	1-5

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CAS Number: 111-42-2	2,2'-iminodiethanol	<0.01

# Additional Information:

Ingredients not listed above are being withheld as trade secret.

#### **SECTION 4: First Aid Measures**

#### **Description of First Aid Measures**

### **General Notes:**

Show this Safety Data Sheet to the doctor in attendance.

### After Inhalation:

If inhaled and you feel unwell or nauseas, discontinue use and get to fresh air and remain calm. If you still feel unwell or breathing is difficult get medical attention immediately and take their advice.

### **After Skin Contact:**

Remove contaminated clothing and shoes. Rinse skin with copious amounts of water [shower] for several minutes. Launder contaminated clothing before reuse. If symptoms develop or persist, seek medical advice/attention.

### **After Eye Contact:**

Rinse eyes with plenty of water for several minutes. Remove contact lenses, if present and easy to do so. Protect unexposed eye. If symptoms develop or persist, seek medical advice/attention.

#### After Swallowing:

This product presents an aspiration hazard. If aspiration is suspected, seek emergency medical treatment. If swallowed, DO NOT induce vomiting unless told to do so by a physician or poison control center. Rinse mouth with water. Never give anything by mouth to an unconscious person. If spontaneous vomiting occurs, place on the left side with head down to prevent aspiration of liquid into the lungs. If symptoms develop or persist, seek medical advice/attention.

# Most Important Symptoms and Effects, Both Acute and Delayed

# Acute Symptoms and Effects:

Exposure to skin may result in redness, pain, burning, inflammation and tissue damage. Exposure to eyes may result in irritation, redness, pain, inflammation, itching, burning, tearing, corneal damage and loss of vision. Exposure via inhalation may result in cough, sore throat, burning sensation and shortness of breath. Exposure via ingestion may result in burns of the mouth and throat, abdominal pain, burning sensation in the throat and chest, nausea, vomiting, shock or collapse.

#### **Delayed Symptoms and Effects:**

Effects are dependent on exposure (dose, concentration, contact time).

# **Immediate Medical Attention and Special Treatment**

#### **Specific Treatment:**

In case of ingestion, seek prompt medical attention.

### Notes for the Doctor:

Treat symptomatically.

### **SECTION 5: Firefighting Measures**

#### **Extinguishing Media**

# Suitable Extinguishing Media:

Water mist/fog, carbon dioxide, dry chemical or alcohol resistant foam.

# **Unsuitable Extinguishing Media:**

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Do not use water jet.

# Specific Hazards During Fire-Fighting:

Contact with metals may evolve flammable hydrogen gas. Thermal decomposition may produce irritating/toxic fumes/gases.

# **Special Protective Equipment for Firefighters:**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in positive pressure mode.

# Special precautions:

Avoid contact with skin, eyes, hair and clothing. Do not breathe fumes/gas/mists/aerosols/vapors/dusts. Move containers from fire area if safe to do so. Use water spray/fog for cooling fire exposed containers. Avoid unnecessary run-off of extinguishing media which may cause pollution.

# **SECTION 6: Accidental Release Measures**

# Personal Precautions, Protective Equipment, and Emergency Procedures:

Evacuate unnecessary personnel. Ventilate area. Extinguish any sources of ignition. Wear recommended personal protective equipment (see Section 8). Do not get on skin, eyes or on clothing. Avoid breathing mist, vapor, dust, fume and spray. Do not walk through spilled material. Wash thoroughly after handling. Remove contaminated clothing and launder before reuse.

# **Environmental Precautions:**

Prevent further leakage or spillage if safe to do so. Prevent from reaching drains, sewers and waterways. Discharge into the environment must be avoided.

# Methods and Material for Containment and Cleaning Up:

Do not touch damaged containers or spilled material unless wearing appropriate personal protective clothing. Stop leak if you can do it without risk. Contain and collect spillage and place in suitable container for future disposal. Dispose of in accordance with all applicable regulations (see Section 13).

Prevent further leakage or spillage if safe to do so. Prevent from reaching drains, sewers and waterways. Discharge into the environment must be avoided.

# **Reference to Other Sections:**

For personal protective equipment see Section 8. For disposal see Section 13.

# **SECTION 7: Handling and Storage**

# Precautions for Safe Handling:

Use appropriate personal protective equipment (see Section 8). Use only with adequate ventilation. Avoid breathing mist/vapor/spray/dust. Do not eat, drink, smoke, or use personal products when handling chemical substances. Do not get in eyes. Avoid contact with skin and clothing. Wash affected areas thoroughly after handling. Keep away from incompatible materials (See Section 10). Keep containers tightly closed when not in use.

# Conditions for Safe Storage, Including Any Incompatibilities:

Store in cool, dry, well-ventilated location out of direct sunlight. Keep away from food and beverages. Protect from freezing and physical damage. Store away from heat, open flames and other sources of ignition. Keep container tightly sealed. Store away from incompatible materials (See Section 10).

# **SECTION 8: Exposure Controls/Personal Protection**

Only those substances with limit values have been included below.

# **Occupational Exposure Limit Values:**

### According to OSHA Hazard Communication Standard, 29 CFR 1910.1200

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Country (Legal Basis)	Substance	Identifier	Permissible concentration
ACGIH	Potassium hydroxide	1310-58-3	Ceiling Limit: 2 mg/m <sup>3</sup>
	2,2'-iminodiethanol	111-42-2	8-Hour TWA: 1 mg/m <sup>3</sup> (inhalable fraction and vapor)
	2-aminoethanol	141-43-5	8-Hour TWA: 3 ppm
	2-aminoethanol	141-43-5	15-Minute STEL: 6 ppm
NIOSH	Potassium hydroxide	1310-58-3	Ceiling Limit: 2 mg/m <sup>3</sup>
	2,2'-iminodiethanol	111-42-2	REL-TWA: 15 mg/m <sup>3</sup> (3 ppm)
	2-aminoethanol	141-43-5	REL-TWA: 8 mg/m <sup>3</sup> (3 ppm [up to 10 hr])
	2-aminoethanol	141-43-5	15-Minute STEL: 15 mg/m <sup>3</sup> (6 ppm)
	2-aminoethanol	141-43-5	IDLH: 30 ppm
United States(California)	Potassium hydroxide	1310-58-3	Ceiling Limit: 2 mg/m <sup>3</sup>
	2,2'-iminodiethanol	111-42-2	8-Hour TWA-PEL: 2 mg/m <sup>3</sup> (0.46 ppm)
	2-aminoethanol	141-43-5	8-Hour TWA-PEL: 8 mg/m <sup>3</sup> (3 ppm)
	2-aminoethanol	141-43-5	15-Minute STEL: 15 mg/m <sup>3</sup> (6 ppm)
OSHA	2-aminoethanol	141-43-5	8-Hour TWA-PEL: 6 mg/m³ (3 ppm)

# **Biological Limit Values:**

No biological exposure limits noted for the ingredient(s).

# Information on Monitoring Procedures:

Not determined or not applicable.

# Appropriate Engineering Controls:

Emergency eye wash stations and safety showers should be available in the immediate vicinity of use or handling. Provide adequate ventilation to maintain the airborne concentrations of vapor, mists, and/or dusts below the applicable workplace exposure limits, while observing recognized national standards (or equivalent).

# **Personal Protection Equipment**

# **Eye and Face Protection:**

Use safety glasses with side shields or goggles. Consider the use of a face shield for splash protection. Use eye protection equipment that has been tested and approved by recognized national standards (or equivalent).

# **Skin and Body Protection:**

Chemical resistant, impervious gloves approved by the appropriate standards. Gloves must be inspected prior to use. Avoid skin contact with used gloves. Appropriate techniques should be used to remove used gloves and contaminated clothing. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Ensure that all personal protective equipment is approved by recognized national standards (or equivalent).

# **Respiratory Protection:**

If engineering controls do not maintain airborne concentrations below the applicable workplace exposure limits, or to an acceptable level (if exposure limits have not been established), a respirator approved by recognized national standards (or equivalent) must be worn.

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# **General Hygienic Measures:**

When handling chemical products, do not eat, drink or smoke. Wash hands after handling, before breaks, and at the end of the workday. Avoid contact with skin, eyes and clothing. Wash contaminated clothing before reuse. Perform routine housekeeping.

### **SECTION 9: Physical and Chemical Properties**

# Information on Basic Physical and Chemical Properties

Appearance	Strawlike Liquid
Odor	Amine like
Odor threshold	Not determined or not available.
рН	>13.0
Melting point/freezing point	Not determined or not available.
Initial boiling point/range	Not determined or not available.
Flash point (closed cup)	None
Evaporation rate	Not determined or not available.
Flammability (solid, gas)	Not determined or not available.
Upper flammability/explosive limit	Not determined or not available.
Lower flammability/explosive limit	Not determined or not available.
Vapor pressure	Not determined or not available.
Vapor density	Not determined or not available.
Density	1.15-1.25
Relative density	Not determined or not available.
Solubilities	Water
Partition coefficient (n-octanol/water)	Not determined or not available.
Auto/Self-ignition temperature	Not determined or not available.
Decomposition temperature	Not determined or not available.
Dynamic viscosity	Not determined or not available.
Kinematic viscosity	Not determined or not available.
Explosive properties	Not determined or not available.
Oxidizing properties	Not determined or not available.

# SECTION 10: Stability and Reactivity

#### Reactivity:

Not reactive under recommended handling and storage conditions.

# **Chemical Stability:**

Stable under recommended handling and storage conditions.

# Possibility of Hazardous Reactions:

Hazardous reactions are not anticipated under recommended conditions of handling and storage.

#### **Conditions to Avoid:**

Extreme heat, open flames, hot surfaces, sparks, ignition sources and incompatible materials.

### **Incompatible Materials:**

None known.

# **Hazardous Decomposition Products:**

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Under normal conditions of storage and use, hazardous decomposition products should not be produced.

# SECTION 11: Toxicological Information

# Acute Toxicity

#### Assessment:

Harmful if swallowed.

### Product Data: No data available.

# Substance Data:

Name	Route	Result
Nonionic surfactant	oral	LD50 Rat: 3488 mg/kg
		LD50 Rat: >2000 mg/kg
	dermal	LD50 Rabbit: > 2000 mg/kg
		LD50 Rat: 5000 mg/kg
	inhalation	LC50 Rat: >1.6 mg/m <sup>3</sup> (4 hr [aerosol])
Potassium hydroxide	oral	LD50 Rat: 333 mg/kg
Dodecyldimethylamine oxide	oral	LD50 Rat: 1064 mg/kg
	dermal	LD50 Rat: > 2000 mg/kg
2,2'-iminodiethanol	oral	LD50 Rat: 1100 mg/kg
2-aminoethanol	oral	LD50 Rat: 1089 mg/kg
	Inhalation ATE	LC50 Rat: 11 mg/L
	dermal	LD50 Rabbit: 1010 mg/kg

# **Skin Corrosion/Irritation**

#### Assessment:

Causes severe skin burns and eye damage.

# Product Data:

No data available.

# Substance Data:

Name	Result
Nonionic surfactant	Causes skin irritation.
Potassium hydroxide	Causes severe skin burns.
Dodecyldimethylamine oxide	Causes skin irritation.
2,2'-iminodiethanol	Causes skin irritation.
2-aminoethanol	Causes severe skin burns.

# Serious Eye Damage/Irritation

# Assessment:

Causes serious eye damage.

# **Product Data:**

No data available.

#### Substance Data:

Name	Result
Nonionic surfactant	Causes serious eye damage.
	Causes serious eye damage.
Potassium hydroxide	Causes serious eye damage.

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Name	Result
Dodecyldimethylamine oxide	Causes serious eye damage.
2,2'-iminodiethanol	Causes serious eye damage.
2-aminoethanol	Causes serious eye damage.

# **Respiratory or Skin Sensitization**

Assessment: Based on available data, the classification criteria are not met.

Product Data:

No data available.

Substance Data: No data available.

# Carcinogenicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data: No data available.

# International Agency for Research on Cancer (IARC):

Name	Classification
Nonionic surfactant	Not Applicable
	Not Applicable
Potassium hydroxide	Not Applicable
Water	Not Applicable
Dodecyldimethylamine oxide	Not Applicable
2,2'-iminodiethanol	Group 2B
2-aminoethanol	Not Applicable

# National Toxicology Program (NTP):

Name	Classification
Nonionic surfactant	Not Applicable
	Not Applicable
Potassium hydroxide	Not Applicable
Water	Not Applicable
Dodecyldimethylamine oxide	Not Applicable
2,2'-iminodiethanol	Not Applicable
2-aminoethanol	Not Applicable

# **OSHA Carcinogens:**

Ingredient Name	CAS	OSHA Carcinogens Status
2,2'-iminodiethanol	111-42-2	Yes

# Germ Cell Mutagenicity

Assessment: Based on available data, the classification criteria are not met.

# Product Data:

No data available.

Substance Data: No data available.

# **Reproductive Toxicity**

Assessment: Based on available data, the classification criteria are not met.

# Product Data:

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No data available.

# Substance Data:

Name	Result
2,2'-iminodiethanol	Suspected of damaging fertility or the unborn child.

# Specific Target Organ Toxicity (Single Exposure)

Assessment: Based on available data, the classification criteria are not met.

#### Product Data:

No data available.

### Substance Data:

Name	Result
2-aminoethanol	May cause respiratory irritation.

# Specific Target Organ Toxicity (Repeated Exposure)

Assessment: Based on available data, the classification criteria are not met.

# **Product Data:**

No data available.

# Substance Data:

Name	Result
2,2'-iminodiethanol	May cause damage to organs (liver, blood, kidneys and nervous system)
	through prolonged or repeated exposure.

# Aspiration toxicity

#### Assessment:

May be fatal if swallowed and enters airways.

#### **Product Data:**

No data available.

Substance Data: No data available.

# Information on Likely Routes of Exposure:

No data available.

Symptoms Related to the Physical, Chemical, and Toxicological Characteristics:

No data available.

### **Other Information:**

No data available.

# **SECTION 12: Ecological Information**

# Acute (Short-Term) Toxicity

Assessment: Based on available data, the classification criteria are not met.

Product Data: No data available.

Substance Data:
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Name	Result
Nonionic surfactant	Fish LC50 Oncorhynchus mykiss: 5 - 7 mg/L (96 hr)
	Aquatic Invertebrates EC50 Daphnia magna: 2.5 mg/L (48 hr [mobility])
	Aquatic Plants EC50 Raphidocelis subcapitata: 1.4 mg/L (96 hr [cell number])
	Fish LC50 Oncorhynchus mykiss: 4.2 mg/L (96 hours)
	Aquatic Invertebrates EC50 Daphnia magna: 1.71 mg/L (48 hours)

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Name	Result
Dodecyldimethylamine oxide	Aquatic Plants EC50 Pseudokirchneriella subcapitata: 0.07 mg/L (72 hr)
2,2'-iminodiethanol	Fish LC50 Oncorhynchus mykiss: 460 mg/L (96 hr)
	Aquatic Invertebrates EC50 Ceriodaphnia dubia: 30.1 mg/L (48 hr [mobility])
	Aquatic Plants EC50 Raphidocelis subcapitata: 9.5 mg/L (72 hr [growth rate])
2-aminoethanol	Fish LC50 Cyprinus carpio: 349 mg/L (96 hr)
	Aquatic Invertebrates EC50 Daphnia magna: 27.04 mg/L (48 hr [mobility])
	Aquatic Plants EC50 Raphidocelis subcapitata: 2.8 mg/L (72 hr [growth rate])

# Chronic (Long-Term) Toxicity

**Assessment:** Based on available data, the classification criteria are not met. **Product Data:** No data available.

Substance Data: No data av

Name	Result	
Name	Result	
Nonionic surfactant	Fish NOEC Pimephales promelas: 0.28 mg/L (30 d [mortality, Read-across substance data])	
	Aquatic Invertebrates NOEC Daphnia magna: 0.77 mg/L (21 d [reproduction, Read-across substance data])	
	Aquatic Invertebrates NOEC Daphnia magna: 1.5 mg/L (21 days)	
Dodecyldimethylamine oxide	Aquatic Invertebrates NOEC Daphnia magna: 0.7 mg/L (21 d)	
	Fish NOEC Pimephales promelas: 0.495 mg/L (15 d)	
2,2'-iminodiethanol	Aquatic Invertebrates NOEC Daphnia magna: 0.78 mg/L (21 d [reproduction])	
2-aminoethanol	Fish NOEC Oryzias latipes: 1.24 mg/L (41 d)	
	Aquatic Invertebrates NOEC Daphnia magna: 0.85 mg/L (21 d [reproduction])	

# Persistence and Degradability

Product Data: No data available.

# Substance Data:

Name	Result
Potassium hydroxide	The study on degradability does not need to be conducted as the substance is inorganic.
Nonionic surfactant	After the 28-day incubation period the substance was biodegraded almost completely (98%). The 10-day window criterion was met. Based on these findings, the substance is classified as readily biodegradable.
Nonionic surfactant	The substance is readily biodegradable. 72% degradation in water, measured by inorganic C analysis, after 28 days (Read-across substance data)
Dodecyldimethylamine oxide	Readily biodegradable in water (95% degradation [CO2 evolution] in 28 days).
2,2'-iminodiethanol	The substance is readily biodegradable. 93% degradation in water, measured by O2 consumption, after 28 days.
2-aminoethanol	Substance is Readily biodegradable. >90 % degradation in water, measured by DOC removal, after 21 days.

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# **Bioaccumulative Potential**

### Product Data: No data available.

# Substance Data:

Result	
Not expected to bioaccumulate, as it completely dissociates in water.	
Log POW : -2.12; low potential for bioaccumulation.	
The substance has the potential to bioaccumulate (log Pow=3.3 - 3.73 & BCF= 237 L/kg, Read-across substance data).	
Substance has low potential for bioaccumulation (log kow: <3; estimate BCF: 0.7).	
The substance is not expected to bioaccumulate ( BCF= 9.16 L/kg & log Pow= -2.46 at 25 °C).	
This substance is not expected to bioaccumulate (log Pow= -2.3 at 25 $^{\circ}$ C)	

# **Mobility in Soil**

# Product Data: No data available.

# Substance Data:

	1	
Name	Result	
Nonionic surfactant	The substance is moderately mobile, therefore, moderate adsorption to soil is expected (log Koc= $2.7 - 3.5$ at $25 ^{\circ}$ C, QSAR substance data).	
Potassium hydroxide	Low potential for adsorption. If emitted to surface water, sorption to sediment will be negligible.	
Dodecyldimethylamine oxide	Substance is expected to be slightly mobile (log Koc: 3.18).	
2,2'-iminodiethanol	The substance is expected to be highly mobile, therefore, adsorption to soil is not expected (calculated log Koc= $1$ ).	
2-aminoethanol	This substance is moderately mobile; therefore, slight adsorption to soil is expected (log Koc>= $2.3 - \langle = 2.7 \rangle$ ).	

# **Results of PBT and vPvB assessment**

# **Product Data:**

**PBT assessment:** This product does not contain any substances that are assessed to be a PBT. **vPvB** assessment: This product does not contain any substances that are assessed to be a vPvB.

# Substance Data:

### **PBT** assessment:

Nonionic surfactant	The substance is not PBT.	
Potassium hydroxide	The substance is not PBT.	
Nonionic surfactant	Substance is not PBT.	
Dodecyldimethylamine oxide	The substance is not PBT.	
2,2'-iminodiethanol	The substance is not PBT.	
2-aminoethanol	This substance is not PBT.	
vPvB assessment:		
Nonionic surfactant	The substance is not vPvB.	
Potassium hydroxide	The substance is not vPvB.	
Nonionic surfactant	Substance is not vPvB.	
Dodecyldimethylamine oxide	The substance is not vPvB.	
2,2'-iminodiethanol	The substance is not vPvB.	
2-aminoethanol	This substance is not vPvB.	

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#### Other Adverse Effects: No data available.

### SECTION 13: Disposal Considerations

#### **Disposal Methods:**

Dispose of in accordance with state and federal regulations. Small amounts of neat solution can be flushed with copious amounts of water to a sanitary sewer system.

#### **Contaminated packages:**

Contact the manufacturer for advice. Wear appropriate personal protective equipment before attempting to handle.

# **SECTION 14: Transport Information**

### United States Transportation of Dangerous Goods (49 CFR DOT)

UN Number	1814
UN Proper Shipping Name	Potassium Hydroxide, Solution
UN Transport Hazard Class(es)	8
Packing Group	II.
Environmental Hazards	None
Special Precautions for User	None

### International Maritime Dangerous Goods (IMDG)

UN Number	1814
UN Proper Shipping Name	Potassium Hydroxide, Solution
UN Transport Hazard Class(es)	8
Packing Group	П
Environmental Hazards	None
Special Precautions for User	None

# International Air Transport Association Dangerous Goods Regulations (IATA-DGR)

UN Number	1814
UN Proper Shipping Name	Potassium Hydroxide, Solution
UN Transport Hazard Class(es)	8
Packing Group	II
Environmental Hazards	None
Special Precautions for User	None

# **SECTION 15: Regulatory Information**

#### United States Regulations

Inventory Listing (TSCA): All ingredients are listed-active or exempt.

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111-42-2

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Significant New Use Rule (TSCA Section 5): None of the ingredients are listed.

**Export Notification under TSCA Section 12(b):** None of the ingredients are listed.

SARA Section 302 Extremely Hazardous Substances: None of the ingredients are listed.

# SARA Section 313 Toxic Chemicals:

	111-42-2	2,2'-iminodiethanol		Listed
CERCLA:				
	1310-58-3	Potassium hydroxide	Listed	1000 lb

RCRA: None of the ingredients are listed.

Section 112(r) of the Clean Air Act (CAA): None of the ingredients are listed.

2,2'-iminodiethanol

# Massachusetts Right to Know:

1310-58-3	Potassium hydroxide	Listed
111-42-2	2,2'-iminodiethanol	Listed
141-43-5	2-aminoethanol	Listed

# New Jersey Right to Know:

1310-58-3	Potassium hydroxide	Listed
111-42-2	2,2'-iminodiethanol	Listed
141-43-5	2-aminoethanol	Listed

# New York Right to Know:

1310-58-3	Potassium hydroxide	Listed
111-42-2	2,2'-iminodiethanol	Listed
141-43-5	2-aminoethanol	Listed

# Pennsylvania Right to Know:

1310-58-3	Potassium hydroxide	Listed
111-42-2	2,2'-iminodiethanol	Listed
141-43-5	2-aminoethanol	Listed

# **California Proposition 65:**

**WARNING:** This product can expose you to 2,2'-iminodiethanol; which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

# Additional information: Not determined.

# **SECTION 16: Other Information**

# Abbreviations and Acronyms: None

# **Disclaimer:**

This product has been classified in accordance with OSHA HCS 2012 guidelines. The information provided in this SDS is correct, to the best of our knowledge, based on information available. The information given is designed only as a guidance for safe handling, use, storage, transportation and disposal 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, unless specified in the text. The responsibility to provide a safe workplace remains with the user.

NFPA: 0-0-0 HMIS: 3-0-0-X

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# **End of Safety Data Sheet**

100 lbs

Listed