



Hydragenix® ProWash (AFCO 5260)

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Revision Date: 03/27/2025

Version: 1.0

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: Hydragenix® ProWash

Product Code: AFCO 5260

Intended Use of the Product

Use of the Substance/Mixture: Highly concentrated, phosphate-free hand dishwashing liquid. For professional use only.

Name, Address, and Telephone of the Responsible Party

Company

AFCO

550 Development Avenue

Chambersburg, PA 17201

T: 800-345-1329

www.afcocare.com

Emergency Telephone Number

Emergency Number : 1-800-424-9300 (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US)

Skin Irrit. 2 H315

Eye Irrit. 2A H319

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US) :



GHS07

Signal Word (GHS-US) :

Warning.

Hazard Statements (GHS-US) :

H315 - Causes skin irritation

H319 - Causes serious eye irritation

Precautionary Statements (GHS-US) :

P202 - Do not handle until all safety precautions have been read and understood.
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P280 - Wear protective glove, protective clothing, eye protection, face protection.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362 - Take off contaminated clothing and wash before reuse.

Other Hazards

Other Hazards Not Contributing to the Classification: Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

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Unknown Acute Toxicity (GHS-US): Not available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances: N/A.

Mixture:

Name	Product identifier	% (w/w)	Classification (GHS-US)
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	(CAS No) 68439-57-6	>= 10 – <20	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 2, H401
Fatty acids, C8-18 and C18-unsaturated, compounds with diisopropanolamine	(CAS No) 68855-69-6	>= 1 – <5	Not classified

The exact percentage of composition are withheld as a trade secret [29 CFR § [1910.1200 App E](#)].

Full text of H-phrases: see section 16.

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General: Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.

Inhalation: If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.

Skin Contact: If skin irritation persists, call a physician. Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash contaminated clothing before re-use.

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.

Ingestion: Keep respiratory tract clear. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

Most Important Symptoms and Effects Both Acute and Delayed

General: Causes skin irritation and serious eye irritation. Effects are dependent on exposure (dose, concentration, contact time). Effects are immediate and delayed. Symptoms may include irritation, redness, pain, and rash.

Inhalation: None under normal and intended conditions of use.

Skin Contact: Causes skin irritation.

Eye Contact: Causes serious eye irritation.

Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: Not available.

Indication of Any Immediate Medical Attention and Special Treatment Needed

Treat symptomatically. Symptoms may be delayed.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Foam, dry chemical.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not flammable.

Explosion Hazard: Product is not explosive.

Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon oxides (CO, CO₂). Nitrogen oxides (NO_x). Sulfur oxides (SO_x). Smoke.

Other information: Do not allow run-off from fire fighting to enter drains or water courses.

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Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid all contact with skin, eyes, or clothing. Do not breathe vapours/dust.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters. Prevent further leakage or spillage if safe to do so.

Methods and Material for Containment and Cleaning Up

For Containment: Contain any spill with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Keep in suitable, closed containers for disposal.

Reference to Other Sections

See heading 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Additional Hazards When Processed: Avoid all contact with skin and eyes. Do not breathe vapours/dust.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before leaving work. Smoking, eating and drinking should be prohibited in the application area. Wash hands and forearms thoroughly after handling. Dispose of rinse water in accordance with local and national regulations.

Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Comply with applicable regulations.

Storage Conditions: Store in a dry, cool and well-ventilated place. Keep container tightly closed when not in use. Electrical installations/working materials must comply with the technological safety standards. Keep/Store away from incompatible materials.

Incompatible Materials: Do not store near acids. Oxidizing agents.

Storage Temperature: 5 – 40°C/41 – 104°F.

Specific End Use(s): Dishwashing liquid. For professional use only.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

No Occupational Exposure Limits (OELs) have been established for this product or any of its chemical components.

Exposure Controls

Appropriate Engineering Controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed. Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment: Protective goggles. Gloves.



Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear chemically resistant protective gloves.

Eye Protection: Chemical goggles or Safety glasses.

Skin and Body Protection: No special protection is required.

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Respiratory Protection: A respirator is not needed under normal and intended conditions of use.

Other Information: When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	: Liquid.
Appearance	: Clear, green viscous.
Odor	: Characteristic.
Odor Threshold	: No data available.
pH	: 6.5 – 7.5
Relative Evaporation Rate (butylacetate=1)	: 1
Melting Point	: No data available.
Freezing Point	: No data available.
Boiling Point	: 104.44°C (219.9°F)
Flash Point	: Does not flash.
Auto-ignition Temperature	: Not determined.
Decomposition Temperature	: No data available.
Flammability (solid, gas)	: No data available.
Lower Flammable Limit	: No data available.
Upper Flammable Limit	: No data available.
Vapor Pressure	: No data available.
Relative Vapor Density at 20°C	: No data available.
Specific Gravity	: 1.024
Solubility	: Soluble in water.
Partition coefficient: n-octanol/water	: No data available.
Viscosity, Dynamic	: No data available.
Viscosity, Kinematic	: 130.1 mm ² /s (20°C)

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Stable.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: No decomposition if stored and applied as directed.

Conditions to Avoid: Incompatible materials.

Incompatible Materials: Acids. Oxidizing agents.

Hazardous Decomposition Products: Carbon oxides (CO, CO₂). Sulfur oxides (SO_x).

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects

Product

LD50 and LC50 Data:

Hydragenix ProWash (AFCO 5260)	
Acute toxicity estimate	>200 mg/l
Exposure time	4 hours
Test atmosphere	Vapor
Method	Calculation method

Skin Corrosion/Irritation: Causes skin irritation.

Serious Eye Damage/Irritation: Causes serious eye irritation.

Respiratory or Skin Sensitization: No data available.

Germ Cell Mutagenicity: No data available.

Teratogenicity: No data available.

Carcinogenicity:

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IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
OSHA	No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Specific Target Organ Toxicity (Repeated Exposure): No data available.

Reproductive Toxicity: No data available.

Specific Target Organ Toxicity (Single Exposure): No data available.

Aspiration Hazard: No data available.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data: No data available.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity No data available.

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts (68439-57-6)	
LC50 Fish 1	5.6 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [flow-through])
EC50 Daphnia 1	5.2 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	1.67 mg/l (Exposure time: 96h - Species: Lepomis macrochirus)

Persistence and Degradability

Hydragenix ProWash (AFCO 5260)	
Persistence and Degradability	No data available.

Bioaccumulative Potential

Hydragenix ProWash (AFCO 5260)	
Bioaccumulative Potential	No data available.

Mobility in Soil No data available.

Other Adverse Effects

Other Information: No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

Container Disposal Recommendations: Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

SECTION 14: TRANSPORT INFORMATION

14.1 In Accordance with DOT	:	Not regulated for transport.
14.2 In Accordance with IMDG	:	Not regulated for transport.
14.3 In Accordance with IATA	:	Not regulated for transport.
14.4 In Accordance with TDG	:	Not regulated for transport.

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

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SARA Section 311/312 Hazardous Chemical	Skin corrosion or irritation. Serious eye damage or eye irritation.
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)	No substances are subject to export notification requirements.
SARA 302 Extremely Hazardous Substance	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 313 (TRI reporting)	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
Clean Air Act (CAA) Section 602 Class I Substances	40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances.
Clean Air Act (CAA) Section 602 Class I or Class II ODS	This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Sub-pt. A, App. A + B).

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts (68439-57-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory.

Fatty acids, C8-18 and C18-unsaturated, compounds with diisopropanolamine (68855-69-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory.

CERCLA Reportable Quantity (RQ)

Methanol (67-56-1)

<i>Component RQ (lbs)</i>	<i>Calculated product RQ (lbs)</i>
5000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

US State Regulations

U.S. - California - Proposition 65	This product contains a chemical that is at or below California Propositions 65's "safe harbor level" for reproductive/developmental toxicity as determined via a risk assessment. Therefore, the chemical is not required to be listed as a Prop 65 chemical on the SDS or label.
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Canadian Regulations

Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts (68439-57-6)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Fatty acids, C8-18 and C18-unsaturated, compounds with diisopropanolamine (68855-69-6)

Listed on the Canadian DSL (Domestic Substances List) inventory.

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

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date	:	03/27/2023
Other Information	:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

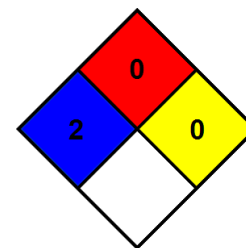
Aquatic Acute 2	Hazardous to the aquatic environment - Acute Hazard Category 2.
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A.
Skin Irrit. 2	Skin corrosion/irritation Category 2.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H402	Harmful to aquatic life.

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- NFPA Health Hazard** : 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.
- NFPA Fire Hazard** : 0 - Materials that will not burn.
- NFPA Reactivity** : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating

- Health** : 2 - Moderate Hazard - Temporary or minor injury may occur.
- Flammability** : 0 - Minimal Hazard.
- Physical** : 0 - Minimal Hazard.

Party Responsible for the Preparation of This Document

AFCO
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Chambersburg, PA 17201
T: 800-345-1329

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.

North America GHS SDS 2015 (U.S., Can., Mex.)