



Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2024)

SAFETY DATA SHEET

Five Star Saniclean PAA PRO

SECTION 1: IDENTIFICATION

1.1. Product identifier

Trade name: Five Star Saniclean PAA PRO

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture: Cleaning product
Restricted to professional users.

Uses advised against : None known.

1.3. Details of the supplier of the safety data sheet

Company and address: **Five Star Chemicals & Supply Inc.**
6870 W. 52nd Ave
Suite #205
Arvada, CO 80002
USA
+1 (303) 287-0186
www.fivestarchemicals.com

Contact person: Customer support
E-mail: support@fivestarchemicals.com
SDS date: 10/4/2024
SDS Version: 1.0

1.4. Emergency telephone number

Infotrac +1 (352) 323-3500
Contact the poison control at 1-800-222-1222 (24/7) or use the webPOISONCONTROL® (triage.webpoisoncontrol.org) to get specific guidance for your case
See also section 4 "First aid measures".

SECTION 2: HAZARD(S) IDENTIFICATION

OSHA/HCS status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

2.1. Classification of the substance or mixture

Flam. Liq. 4; H227, Combustible liquid
Ox. Liq. 2; H272, May intensify fire; oxidiser.
Met. Corr. 1; H290, May be corrosive to metals.
Acute Tox. 4; H302, Harmful if swallowed.
Skin Corr. 1A; H314, Causes severe skin burns and eye damage.
Eye Dam. 1; H318, Causes serious eye damage.
STOT SE 3; H335, May cause respiratory irritation.

Org. Perox. G, There are no label elements allocated to this hazard category

2.2. Label elements

Hazard pictogram(s):



Signal word:

Danger

Hazard statement(s):

Combustible liquid (H227)
There are no label elements allocated to this hazard category (Org. Perox. G)
May intensify fire; oxidiser. (H272)
May be corrosive to metals. (H290)
Harmful if swallowed. (H302)
Causes severe skin burns and eye damage. (H314)
May cause respiratory irritation. (H335)

Precautionary statement(s):

General:

-

Prevention:

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)
Do not breathe vapour/mist. (P260)
Wear eye protection/protective gloves/protective clothing. (P280)

Response:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. (P301+P330+P331)
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. (P303+P361+P353)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. (P305+P351+P338)
Immediately call a POISON CENTER/doctor. (P310)
In case of fire: Use water mist/carbon dioxide/alcohol-resistant foam to extinguish. (P370+P378)
Absorb spillage to prevent material damage. (P390)

Storage:

Store in a well-ventilated place. Keep container tightly closed. (P403+P233)
Store in a container with a resistant inner liner. (P406)

Disposal:

Dispose of contents/container in accordance with local regulation (P501)

Additional labelling:

Not applicable.

2.3. Other hazards



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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Hydrogen peroxide	CAS No.: 7722-84-1	15-25%	Ox. Liq. 1, H271 (SCL: 70.00 %) Ox. Liq. 2, H272 (SCL: 50.00 %) Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70.00 %) Skin Corr. 1B, H314 (SCL: 50.00 %) Skin Irrit. 2, H315 (SCL: 35.00 %) Eye Dam. 1, H318 (SCL: 8.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %) Acute Tox. 4, H332 STOT SE 3, H335 (SCL: 35.00 %)	
Acetic acid	CAS No.: 64-19-7	5-10%	Flam. Liq. 3, H226 Skin Corr. 1A, H314 (SCL: 90.00 %) Skin Corr. 1B, H314 (SCL: 25.00 %) Skin Irrit. 2, H315 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 10.00 %)	
Nitric acid	CAS No.: 7697-37-2	5-10%	Ox. Liq. 2, H272 (SCL: 99.00 %) Ox. Liq. 3, H272 (SCL: 70.00 %) Skin Corr. 1A, H314 Acute Tox. 1, H330 1, HHNOC071	
Peracetic acid	CAS No.: 79-21-0	5-10%	Flam. Liq. 3, H226 Org. Perox. D, H242 Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Corr. 1A, H314 Acute Tox. 4, H332 STOT SE 3, H335 (SCL: 1.00 %)	
Sulfuric acid	CAS No.: 7664-93-9	3-5%	Skin Corr. 1A, H314 (SCL: 15.00 %) Skin Irrit. 2, H315 (SCL: 5.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %)	

Where the concentration of an ingredient is expressed as a range the exact concentration has been withheld as a trade secret.

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if



these are available.

Other information

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SECTION 4: FIRST-AID MEASURES

4.1. Description of first aid measures

General information:

If breathing is irregular, drowsiness, loss of consciousness or cramps: Call 911 and give immediate treatment (first aid).
Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation:

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact:

Flush exposed area with water for a long time - at least 30 minutes. It may be necessary to flush for several hours. Use a comfortable water temperature (20-30 °C). Contact Poison Information/doctor/hospital for further advice on follow-up and treatment.

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

Eye contact:

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion:

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into



Burns:

recovery position. Call an ambulance.

Rinse with water until pain stops then continue to rinse for 30 minutes.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms of inadvertent contact with products containing sulfuric acid are: extreme destruction of tissues of the mucous membranes and upper respiratory tract, eyes, and skin. Spasm, inflammation and edema of the larynx, Spasm, inflammation and edema of the bronchi. Pneumonitis, pulmonary edema, burning sensation, cough, wheezing, laryngitis, Shortness of breath. Headache, Nausea, Vomiting. Effects may be delayed.

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

4.3. Indication of any immediate medical attention and special treatment needed

IF exposed or concerned:

Get immediate medical advice/attention.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Combustible liquid

In use may form flammable/explosive vapour-air mixture.

May intensify fire; oxidiser.

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Sulphur oxides

Nitrogen oxides (NO_x)

Carbon oxides (CO / CO₂)

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the Poison Help Line on 1-800-222-1222 (24/7) in order to obtain further advice.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Storages not yet ignited must be cooled by water mist. Remove flammable materials if conditions allow it. Ensure sufficient ventilation.

Avoid direct contact with spilled substances.



Ensure adequate ventilation, especially in confined areas.
Avoid inhalation of vapours from spilled material.
Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.
Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Use only non-sparking tools. Clean up manually and place in appropriate containers for disposal.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid direct contact with the product.
Avoid contact during pregnancy and while nursing.
Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when opened and tested periodically for the presence of peroxides. Do not exceed storage time limits.
Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
Must be stored in a cool and well-ventilated area, away from possible sources of ignition.
Store in a container with a resistant inner liner.

<i>Recommended storage material:</i>	Keep only in original packaging.
<i>Liquid class:</i>	Combustible Liquid / Class IIIA (NFPA 30)
<i>Storage conditions:</i>	Dry, cool and well ventilated
<i>Incompatible materials:</i>	Reducing agent, Combustible products. Bases Reducing agents Metal

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Hydrogen peroxide
Long term exposure limit (OSHA Table Z-1) (mg/m³): 1.4
Long term exposure limit (OSHA Table Z-1) (ppm): 1



Long term exposure limit (ACGIH TLV) (ppm): 1

Acetic acid

Short term exposure limit (STEL) (ACGIH TLV) (ppm): 15

Short term exposure limit (STEL) (NIOSH REL) (ppm): 15

Long term exposure limit (OSHA Table Z-1) (mg/m³): 25

Long term exposure limit (OSHA Table Z-1) (ppm): 10

Long term exposure limit (ACGIH TLV) (ppm): 10

Nitric acid

Short term exposure limit (STEL) (ACGIH TLV) (ppm): 4

Short term exposure limit (STEL) (NIOSH REL) (ppm): 4

Long term exposure limit (OSHA Table Z-1) (mg/m³): 5

Long term exposure limit (OSHA Table Z-1) (ppm): 2

Long term exposure limit (ACGIH TLV) (ppm): 2

Sulfuric acid

Long term exposure limit (OSHA Table Z-1) (mg/m³): 1

Long term exposure limit (ACGIH TLV) (mg/m³): 0.2 / (Thor.)

Long term exposure limit (NIOSH REL) (mg/m³): 1

Part 1910 - Occupational Safety and Health Standards (29 CFR 1910.1000 TABLE Z-1 - Limits for Air Contaminants)

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations:

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios:

There are no exposure scenarios implemented for this product.

Exposure limits:

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures:

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked. Ensure that eyewash stations and safety showers are located within easy reach. Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures:

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.



Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2024)

Measures to avoid environmental exposure:

Keep damming materials near the workplace.
If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment

Generally:

Use only protective equipment with a recognized certification mark, e.g. the UL mark.

Respiratory Equipment:

Type	Class	Colour	Standards	
Respiratory protection is not needed in the event of adequate ventilation.				

Skin protection:

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	

Hand protection:

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Gloves	-	-	EN374	

Eye protection:

Type	Standards	
Safety glasses	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state:

Liquid

Color:

Colourless

Odor:

Vinegar

Odor threshold (ppm):

No relevant or available data due to the nature of the product.

pH:

0.7 - 1.3

Density (g/cm³):

No relevant or available data due to the nature of the product.

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Relative density:

1.16 - 1.17



Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2024)

<i>Kinematic viscosity:</i>	4.5 mm ² /s
<i>Particle characteristics:</i>	Does not apply to liquids.

Phase changes

<i>Melting point/freezing point (°F):</i>	-56.2
<i>Melting point/freezing point (°C):</i>	-49
<i>Softening point/range (°F):</i>	Does not apply to liquids.
<i>Boiling point (°F):</i>	No data available
<i>Vapor pressure:</i>	No data available
<i>Relative vapor density:</i>	No data available
<i>Decomposition temperature (°F):</i>	No data available

Data on fire and explosion hazards

<i>Flash point (°F):</i>	185
<i>Flash point (°C):</i>	85
<i>Flammability (°F):</i>	No data available
<i>Auto-ignition temperature (°F):</i>	No data available
<i>Explosion limits (% v/v):</i>	No data available

Solubility

<i>Solubility in water:</i>	Soluble
<i>n-octanol/water coefficient (LogKow):</i>	No relevant or available data due to the nature of the product.
<i>Solubility in fat (g/L):</i>	No relevant or available data due to the nature of the product.

9.2. Other information

<i>Evaporation rate (n-butylacetate = 100):</i>	>1
<i>Other physical and chemical parameters:</i>	No data available.
<i>Oxidizing properties:</i>	May intensify fire; oxidiser. No data available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions, including those associated with foreseeable emergencies

None known.

10.4. Conditions to avoid

Keep away from clothing and other combustible materials.

Mechanical influences (e.g. shock, pressure, impact, friction). Fire, sparks or other ignition sources.



Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2024)

10.5. Incompatible materials

Bases
Reducing agents
Metal

10.6. Hazardous decomposition products

Thermal decomposition may produce corrosive vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Harmful if swallowed.

Skin corrosion/irritation

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory sensitisation

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

Skin sensitisation

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

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

STOT-single exposure

May cause respiratory irritation.

STOT-repeated exposure

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

Aspiration hazard

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

Long term effects

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

Other information

Hydrogen peroxide has been classified by IARC as a group 3 carcinogen.
Sulfuric acid has been classified by IARC as a group 1 carcinogen.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity



Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2024)

No data available.

12.2. Persistence and degradability

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

12.3. Bioaccumulative potential

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

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

RCRA Hazardous waste ("P" and "U" list) (40 CFR 261)

None of the components are listed

Specific labelling

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informat ion:
DOT	UN3098	OXIDIZING LIQUID, CORROSIVE, N.O.S. (Hydrogen peroxide, Peracetic acid)	Transport hazard class: 5.1 Label: 5.1+8 Classification code: OC1 	II	No	Limited quantitie s: 1 L Tunnel restrictio n code: (E) See below for additiona l informati on.
IMDG	-	Not suitable for specified transport method		-	No	See below for additiona l



Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2024)

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informat ion:
						informati on.
IATA	-	Not suitable for specified transport method		-	No	See below for additiona l informati on.

* Packing group

** Environmental hazards

Additional information

This product is within scope of the regulations of transport of dangerous goods.
DOT / See § 172.101 Hazardous Materials Table for any information on special provisions, requirements, or warnings in connection with transport. See § 172.602, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.
IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.
IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to IMO instruments

No data available.

SECTION 15: REGULATORY INFORMATION

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

Product registration number

EPA Registration No. 91628-1-65001

15.2. U.S. Federal regulations

TSCA (the non-confidential portion):

Hydrogen peroxide is listed
Acetic acid is listed
Nitric acid is listed
Peracetic acid is listed
Sulfuric acid is listed

Clean Air Act:

Nitric acid is regulated by section 112(r) with a reportable quantity (RQ) of: 15000 pounds
Peracetic acid is regulated by section 112(r) with a reportable quantity (RQ) of: 10000 pounds

EPCRA Section 302:

Hydrogen peroxide is regulated with a



	Threshold Planning Quantity (TPQ) of: 1000 pounds Nitric acid is regulated with a Threshold Planning Quantity (TPQ) of: 1000 pounds Peracetic acid is regulated with a Threshold Planning Quantity (TPQ) of: 500 pounds Sulfuric acid is regulated with a Threshold Planning Quantity (TPQ) of: 1000 pounds
<i>EPCRA Section 304:</i>	Hydrogen peroxide is regulated with a Reportable Quantity (RQ) of: 1000 pounds Nitric acid is regulated with a Reportable Quantity (RQ) of: 1000 pounds Peracetic acid is regulated with a Reportable Quantity (RQ) of: 500 pounds Sulfuric acid is regulated with a Reportable Quantity (RQ) of: 1000 pounds
<i>EPCRA section 313:</i>	Nitric acid is listed Peracetic acid is listed Sulfuric acid is listed
<i>CERCLA:</i>	Acetic acid is regulated with a Reportable Quantity (RQ) of: 5000 pounds Nitric acid is regulated with a Reportable Quantity (RQ) of: 1000 pounds Sulfuric acid is regulated with a Reportable Quantity (RQ) of: 1000 pounds
<i>Hazardous chemical inventory reporting:</i>	This product is subject to Tier II reporting.
State regulations	
<i>California / Prop. 65:</i>	None of the components are listed
<i>Massachusetts / Right To Know Act:</i>	Hydrogen peroxide is listed Acetic acid is listed Nitric acid is listed Peracetic acid is listed Sulfuric acid is listed
<i>New Jersey / Right To Know Act:</i>	Hydrogen peroxide / Substance number: 1015 Hydrogen peroxide is on the Special Health Hazard Substance List Acetic acid / Substance number: 0004 Acetic acid is on the Special Health Hazard Substance List Nitric acid / Substance number: 1356 Nitric acid is on the Special Health Hazard Substance List Peracetic acid / Substance number: 1482 Peracetic acid is on the Special Health Hazard Substance List



New York / Right To Know Act:

—
Sulfuric acid / Substance number: 1761
Sulfuric acid is on the Special Health Hazard
Substance List

—
Hydrogen peroxide is listed
Hydrogen peroxide is regulated with a
Reportable Quantity (RQ) of: 1 pounds
Hydrogen peroxide is regulated with a
Treshold Reporting Quantity (TRQ) of: 0
pounds
Hydrogen peroxide is regulated with a
Treshold Planning Quantity (TPQ) of: 1000
pounds

—
Acetic acid is listed
Acetic acid is regulated with a Reportable
Quantity (RQ) of: 5000 pounds
Acetic acid is regulated with a Treshold
Reporting Quantity (TRQ) of: 0 pounds

—
Nitric acid is listed
Nitric acid is regulated with a Reportable
Quantity (RQ) of: 1000 pounds
Nitric acid is regulated with a Treshold
Reporting Quantity (TRQ) of: 10 pounds
Nitric acid is regulated with a Treshold
Planning Quantity (TPQ) of: 1000 pounds

—
Peracetic acid is listed
Peracetic acid is regulated with a Reportable
Quantity (RQ) of: 1 pounds
Peracetic acid is regulated with a Treshold
Reporting Quantity (TRQ) of: 1 pounds
Peracetic acid is regulated with a Treshold
Planning Quantity (TPQ) of: 500 pounds

—
Sulfuric acid is listed
Sulfuric acid is regulated with a Reportable
Quantity (RQ) of: 1000 pounds
Sulfuric acid is regulated with a Treshold
Reporting Quantity (TRQ) of: 100 pounds
Sulfuric acid is regulated with a Treshold
Planning Quantity (TPQ) of: 1000 pounds

Pennsylvania / Right To Know Act:

—
Hydrogen peroxide is listed
Hydrogen peroxide is hazardous to the
environment (E)

—
Acetic acid is listed
Acetic acid is hazardous to the environment



(E)

— Nitric acid is listed

Nitric acid is hazardous to the environment

(E)

— Peracetic acid is listed

Peracetic acid is hazardous to the environment (E)

— Sulfuric acid is listed

Sulfuric acid is hazardous to the environment

(E)

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15.4. Restrictions for application

Restricted to professional users.

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

15.5. Demands for specific education

No specific requirements.

15.6. Additional information

Not applicable.

15.7. Chemical safety assessment

No

15.8. Sources

OSHA Hazard Communication Standard (29 CFR 1910.1200)

SECTION 16: OTHER INFORMATION

Full text of H-phrases as mentioned in section 3

H226, Flammable liquid and vapour.

H242, Heating may cause a fire.

H271, May cause fire or explosion; strong oxidiser.

H272, May intensify fire; oxidiser.

H302, Harmful if swallowed.

H312, Harmful in contact with skin.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

H330, Fatal if inhaled.

H332, Harmful if inhaled.

H335, May cause respiratory irritation.

HHNOC071, Corrosive to the respiratory tract.

The full text of identified uses as mentioned in section 1

None known.

Abbreviations and acronyms



ACGIH = American Conference of Governmental Industrial Hygienists
ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CERCLA = Comprehensive Environmental Response Compensation and Liability Act
DOT = Department of Transportation
EINECS = European Inventory of Existing Commercial chemical Substances
EPCRA = Emergency Planning and Community Right-To-Know Act
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
HCIS = Hazardous Chemical Information System
HNOC = Hazards Not Otherwise Classified
IARC = International Agency for Research on Cancer
IATA = International Air Transport Association
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
NFPA = National Fire Protection Association
NIOSH = National Institute for Occupational Safety and Health
OECD = Organisation for Economic Co-operation and Development
OSHA = Occupational Safety and Health Administration
PBT = Persistent, Bioaccumulative and Toxic
RCRA = Resource Conservation and Recovery Act
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SARA = Superfund Amendments and Reauthorization Act
SCL = A specific concentration limit.
STEL = Short-term exposure limits
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TSCA = The Toxic Substances Control Act
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by HCS (29 CFR 1910.1200).

The classification of the mixture in regard to physical hazards has been based on experimental data.

The safety data sheet is validated by

PurposeBuilt Brands Regulatory Team

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in



Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2024)

section 1) and is not necessarily correct for use with other chemicals/products.
It is recommended to hand over this safety data sheet to the actual user of the product.
Information in this safety data sheet cannot be used as a product specification.
Country-language: US-en