

YellowBoy

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations.
Revision Date: 03/01/2019 Date of Issue: 03/01/2019 Supersedes SDS Date: 1st Issue Version 1.0
Revision Impetus: 1st issue in new SDS format.



SECTION 1: IDENTIFICATION

Product Identifier

Product Name: YellowBoy

Synonyms: Hydrogen peroxide solution

Intended Use of the Product

Pipe treatment additive and cleaner

Name, Address, and Telephone of the Responsible Party

USA:

Minova USA Inc.
150 Summer Court
Georgetown, KY 40324
T 502-863-6800

For SDS Requests:

Call 1-855-266-7422 or email sds.na@orica.com

www.minovaglobal.com

Emergency Telephone Number

Emergency number : For chemical emergencies (24 hour) involving transportation, spill, leak, release, fire or accidents **IN THE U.S. or CANADA call: CHEMTREC 1-800-424-9300, Minova CCN 14730.**

Canada:

Minova
576 Arvin Avenue
Stoney Creek, ON - Canada L8E 5P1
T 905-643-1166

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US)

Skin Irrit. 2 H315

Eye Irrit. 2A H319

STOT SE 3 H335

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. May cause eye damage if left untreated.
H335 – May cause respiratory irritation.

Precautionary Statements (GHS-US)

: P261 – Avoid breathing mist/vapors/spray.
P280 – Wear protective gloves/protective clothing/eye protection/face protection.
P284 – In case of inadequate ventilation wear respiratory protection.
P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/soap/shower.
P305+P351+P338 – If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P342+P311 – If experiencing respiratory symptoms: Call a POISON/CENTER/doctor.
P501 – Dispose of contents/container in accordance with local/regional/national/international regulations.

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Classification System : NFPA ratings (scale 0-4)



Health = 2, Fire = 0, Reactivity = 0

Other Hazards: Results of PBT and vPvB assessment, PBT: Not applicable, vPvB: Not applicable.

Other Hazards Not Contributing to the Classification: None

Unknown Acute Toxicity (GHS-US): Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Name	Product identifier	% (w/w)	Classification (GHS-US)
Hydrogen Peroxide	(CAS No) 7722-84-1	<8%	Refer to Section 2. Classification of the Substance or Mixture.

A range of concentration as prescribed by the Controlled Products Regulations has been used where necessary, due to varying composition. Full text of H-phrases: see section 16.

SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).

Inhalation: When symptoms occur: Go into open air and ventilate suspected area. Keep at rest and in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin Contact: Remove contaminated clothing. Rinse off affected area with water and soap. Obtain medical attention if irritation develops or persists.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Immediately call a doctor/physician.

Ingestion: Rinse mouth. Do not induce vomiting. If spontaneous vomiting occurs, have victim lean forward with head positioned between legs to avoid breathing in of vomit, rinse mouth and have victim drink plenty of water. Immediately call a POISON CENTER or doctor/physician. Never give anything by mouth to an unconscious person.

Most Important Symptoms and Effects Both Acute and Delayed

General: Irritation can be serious if left untreated.

Inhalation: May cause irritation to the respiratory tract.

Skin Contact: Causes skin irritation.

Eye Contact: Causes serious eye irritation. May cause eye damage if left untreated.

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

Chronic Symptoms: None anticipated.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: None.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: Heat may increase the decomposition of the product into oxygen which may intensify the fire.

Explosion Hazard: Not explosive.

Reactivity: Will react with many metals to form oxygen which supports combustion.

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: Firefighters should wear full protective gear.

Hazardous Combustion Products: As in all fires toxic and noxious fumes.

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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: Do not get in eyes on skin or breath in vapors.

For Non-Emergency Personnel

Protective Equipment: Use appropriate Personal Protection Equipment (PPE).

Emergency Procedures: Evacuate danger area.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: In the event of a spill or leak of material apply absorbant and scoop up material. As in all spills, minimize material from entering water systems.

Environmental Precautions

Avoid release to the environment.

Methods and Material for Containment and Cleaning Up

For Containment: Absorb with noncombustible liquid-binding material such as sand, diatomite, universal absorbants.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely.

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: Good housekeeping is needed during storage, transfer, handling, and use of this material.

Never add material to this product unless instructed by Minova.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Always wash your hands immediately after handling this product, and once again before leaving the workplace.

Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions: Store in a dry, cool place.

Incompatible Materials: High heat. Metals such as brass, copper, iron and iron salts, powdered metals and combustible materials.

Specific End Use(s)

Pipe treatment additive and cleaner.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Exposure Controls

Appropriate Engineering Controls and Hygienic Measures: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work. Immediately remove all soiled and contaminated clothing.

Personal Protective Equipment: Gloves. Protective clothing. Safety glasses. Insufficient ventilation: wear respiratory protection.



Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear chemically resistant protective gloves (nitrile rubber, NGR or fluorocarbon rubber, Viton).

Eye Protection: Safety glasses or chemical goggles as appropriate to prevent eye contact.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: Use a NIOSH-approved respirator "dust mask" in dusty conditions or whenever exposure may exceed established Occupational Exposure Limits.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State : Liquid

Appearance : Clear colorless liquid

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Odor	: None
Odor Threshold	: Not applicable
pH	: 4.0 – 4.5
Relative Evaporation Rate (butyl acetate=1)	: Not determined
Melting/Freezing Point	: 20 °F (-7 °C)
Boiling Point	: 218 °F (103 °C)
Flash Point	: Not applicable
Auto-ignition Temperature	: Not applicable
Decomposition Temperature	: Not determined
Flammability (solid, gas)	: Not applicable
Lower Flammable Limit	: Not applicable
Upper Flammable Limit	: Not applicable
Vapor Pressure	: Not applicable
Relative Vapor Density at 20 °C	: Not applicable
Relative Density	: 1.03 g/cm ³ (8.6 lbs/gal)
Specific Gravity	: Not applicable
Solubility	: Fully miscible
Partition coefficient: n-octanol/water	: Not applicable
Viscosity	: Not determined
Explosion Data – Sensitivity to Mechanical Impact	: Not applicable
Explosion Data – Sensitivity to Static Discharge	: Not applicable

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Hazardous reactions will not occur.

Chemical Stability: Stable under recommended handling and storage conditions (see section 7)..

Possibility of Hazardous Reactions: Will not occur.

Conditions to Avoid: High heat and contamination.

Incompatible Materials: High heat. Metals such as brass, copper, iron and iron salts, powdered metals and combustible materials.

Hazardous Decomposition Products: Can release oxygen gas and pressure within sealed or confined areas.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity: Not toxic based on mixture ingredients

LD50 and LC50 Data: Oral LD50 (rat) 1,518 mg.kg

Skin Corrosion/Irritation: Causes skin irritation.

Serious Eye Damage/Irritation: Causes serious eye irritation. May damage eyes if left untreated.

Respiratory or Skin Sensitization: No based on mixture ingredients

Germ Cell Mutagenicity: Not classified

Teratogenicity: No based on mixture ingredients

Carcinogenicity: No based on mixture ingredients

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Reproductive Toxicity: No based on mixture ingredients

Specific Target Organ Toxicity (Single Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: May cause respiratory irritation.

Symptoms/Injuries After Skin Contact: Causes skin irritation.

Symptoms/Injuries After Eye Contact: Causes serious eye irritation. May cause eye damage if left untreated.

Symptoms/Injuries After Ingestion: Ingestion is likely to be harmful or have adverse effects.

Chronic Symptoms: None anticipated.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data: Oral LD50 (rat) 1,518 mg.kg

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SECTION 12: ECOLOGICAL INFORMATION

Aquatic Toxicity May be harmful to plant and animal life if released into the environment.

Persistence and Degradability Biodegradable.

Bioaccumulative Potential Does not accumulate or biomagnify in the environment.

Mobility in Soil Mobile.

Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose of material in accordance with all applicable federal, state/provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

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

National Motor Freight Classification

NMFC Name: <8% Hydrogen Peroxide Solution **NMFC Number:** 44640 Sub1 Class: 70

Tariff Classification Number: 2847.00.0000


SECTION 15: REGULATORY INFORMATION

US Federal Regulations

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SARA Section 311/312 Hazard Classes	Immediate (acute) health hazard

US State Regulations Not available

Canadian Regulations

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WHMIS Classification	Class D Division 2 Subdivision B - Toxic material causing other toxic effects
	

<8% Hydrogen Peroxide Solution CAS 7722-84-1

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

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

Revision date : 03/01/2019

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and the Hazardous Products Regulations (WHMIS 2015).

GHS Full Text Phrases: Based on individual ingredients and when the two components are mixed to form the polyurethane grout. Refer to Section 2: Hazardous Identification for the Substance or Mixture.

Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H315	Causes skin irritation
H319	Causes serious eye irritation (May cause eye damage if left untreated)
H335	May cause respiratory irritation

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Party Responsible for the Preparation of This Document

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