Arm & Hammer™ Ammonium Bicarbonate Food Grade (Treated and Untreated) (NA GHS 2024)

Safety Data Sheet

According to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations and according to the Hazardous Products Regulation (December 15, 2022).

Revision Date: 3/23/2026 Date of Issue: 10/26/2016 Supersedes Date: 2/9/2026 Version: 4.1

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: Arm & Hammer™ Ammonium Bicarbonate Food Grade (Treated and Untreated) (NA GHS 2024)

Formula: NH_4HCO_3

Synonyms: Carbonic acid, monoammonium salt

Intended Use of the Product

Use Of The Substance/Mixture : Food ingredient/Process chemical; food additive; raw material; laboratory chemical; buffering agent and a component of fire extinguisher compounds. Leavening agent.

Restrictions On Use : No additional information available

Name, Address, and Telephone of the Responsible Party

Company
Church & Dwight Co., Inc.
500 Charles Ewing Blvd
Ewing Township, NJ 08628
T 1-800-221-0453
www.ahperformance.com

Company
Church and Dwight Canada Corp.
5485 Ferrier
Montreal, Qc, H4P 1M6
www.churchdwight.ca
www.econsumeraffairs.com/churchdwight/contactus

Emergency Telephone Number

Emergency Number : For Medical Emergency: 1-888-234-1828 (USA and Canada), 952-853-1925 (Outside USA and Canada)
For Chemical Emergency: VelocityEHS (800)255-3924 (North America) +1 (813)248-0585 (International)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS-US/CA Classification

Acute toxicity (oral), Category 4	H302
Hazardous to the aquatic environment, Acute Hazard, Category 3	H402

Label Elements

GHS-US/CA Labeling

Hazard Pictograms (GHS-US/CA) :

GHS07

Signal Word (GHS-US/CA) : Warning

Hazard Statements (GHS-US/CA) : H302 - Harmful if swallowed.
H402 - Harmful to aquatic life.

Precautionary Statements (GHS-US/CA) : P264 - Wash hands, forearms and face thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P273 - Avoid release to the environment.
P301+P312 - IF SWALLOWED: Call a POISON CENTER or a doctor if you feel unwell.
P330 - Rinse mouth.
P501 - Dispose of contents and/or container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

Hazards associated with known or reasonably anticipated uses

If this product is used in unforeseeable chemical processes and not used as intended or reasonable, the hazards listed in Section 2.3 cannot cover all chemistries. Therefore, a Process Hazard Analysis (PHA) or other hazard assessment for additional specific end uses

should be performed to ensure that hazards are fully understood, and adequate safety measures are in place. See Section 10 for relevant reactivity and stability information.

Exposure to heat, water or acids, may result in a chemical reaction product (Ammonia) classified as: Flammable gas, Category 2, Acute toxicity (inhalation), Category 3, Skin corrosion/irritation, Category 1B, Serious eye damage/eye irritation, Category 1, Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation, Hazardous to the aquatic environment — Acute Hazard, Category 1, Hazardous to the aquatic environment — Chronic Hazard, Category 2

Other hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.Prolonged contact with dust can produce mechanical irritation. This product releases ammonia to the environment under normal conditions of processing or use.

Unknown Acute Toxicity (GHS-US/CA)

No additional information available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Name	Product Identifier	% *	GHS Ingredient Classification
Carbonic acid, monoammonium salt	(CAS-No.) 1066-33-7	99 – 100	Acute Tox. 4 (Oral), H302 Aquatic Acute 3, H402

Full text of H-statements: see section 16

*Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).

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 where possible).

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Encourage exposed person to cough, spit out, and blow nose to remove dust. Obtain medical attention if breathing difficulty persists.

Skin Contact: Remove contaminated clothing. Brush off loose particles from skin. Rinse immediately with plenty of water. Obtain medical attention if irritation develops or persists.

Eye Contact: Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

Ingestion: Rinse mouth. Do not induce vomiting. Obtain medical attention. Do NOT induce vomiting.

Most Important Symptoms and Effects Both Acute and Delayed

General: Harmful if swallowed.

Inhalation: Prolonged inhalation of dust may cause respiratory irritation.

Skin Contact: Skin contact with large amounts of dust may cause mechanical irritation.

Eye Contact: Eye contact with dust may cause mechanical irritation.

Ingestion: This material is harmful orally and can cause adverse health effects or death in significant amounts.

Chronic Symptoms: None known.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Water spray, fog, carbon dioxide (CO_2), alcohol-resistant foam, or 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 considered flammable but escaping ammonia gas can burn in the range of 16-25% in air.

Explosion Hazard: Product is not explosive.

Reactivity: Contact with acids liberates toxic gas. Hazardous reactions will not occur under normal conditions.

Advice for Firefighters

Precautionary Measures Fire: Wear self-contained breathing apparatus when entering area unless atmosphere is proved to be safe. Exercise caution when fighting any chemical fire.

Firefighting Instructions: Exercise caution when fighting any chemical fire. 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, CO_2). Ammonia.

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

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 on clothing. Do not breathe dust or fumes. Handle in accordance with good industrial hygiene and safety practice. Avoid breathing dust.

For Non-Emergency Personnel

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

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

Methods and Materials for Containment and Cleaning Up

For Containment: Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Avoid generation of dust during clean-up of spills. Vacuum clean-up is preferred. If sweeping is required use a dust suppressant. Contact competent authorities after a spill. Recover the product by vacuuming, shoveling or sweeping. Transfer spilled material to a suitable container for disposal.

Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Additional Hazards When Processed: Emits ammonia vapors.

Precautions for Safe Handling: Avoid creating or spreading dust. Do not breathe dust or fumes. Do not get in eyes, on skin, or on clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle empty containers with care because they may still present a hazard. Avoid breathing dust.

Hygiene Measures: Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

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/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Keep container closed when not in use. Store in a dry, cool place.

Incompatible Materials: Strong acids, strong bases, strong oxidizers. Nitrates. Nitrites.

Storage Temperature: < 30 °C (< 86 °F)

Specific End Use(s)

Food ingredient/Process chemical; food additive; raw material; laboratory chemical; buffering agent and a component of fire extinguisher compounds. Leavening agent.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), or Canadian provincial governments.

Particulates not otherwise classified (PNOC)

USA ACGIH	ACGIH® TLV® TWA	3 mg/m³ Respirable fraction 10 mg/m³ Total Dust
USA OSHA	OSHA PEL TWA	5 mg/m³ Respirable fraction 15 mg/m³ Total Dust
USA OSHA	OSHA PEL TWA	15 mppcf Respirable fraction 50 mppcf Total dust See 29 CFR 1910.1000 Table Z-3
Alberta	OEL TWA	10 mg/m³ (total) 3 mg/m³ (respirable)
British Columbia	OEL TWA	10 mg/m³ (including nuisance dusts-total dust) 3 mg/m³ (including nuisance dusts-respirable fraction)
Manitoba	OEL TWA	10 mg/m³ (recommended, inhalable particles) 3 mg/m³ (recommended-respirable particles)
New Brunswick	OEL TWA	10 mg/m³ (recommended-inhalable particles) 3 mg/m³ (recommended-respirable particles)
Newfoundland & Labrador	OEL TWA	10 mg/m³ (recommended, inhalable particles) 3 mg/m³ (respirable particles, recommended)
Nova Scotia	OEL TWA	10 mg/m³ (recommended, inhalable particles) 3 mg/m³ (respirable particles, recommended)
Nunavut	OEL STEL	20 mg/m³ (insoluble or poorly soluble-inhalable fraction) 6 mg/m³ (insoluble or poorly soluble-respirable fraction)
Nunavut	OEL TWA	10 mg/m³ (insoluble or poorly soluble-inhalable fraction) 3 mg/m³ (insoluble or poorly soluble-respirable fraction)
Northwest Territories	OEL STEL	20 mg/m³ (insoluble or poorly soluble-inhalable fraction) 6 mg/m³ (insoluble or poorly soluble-respirable fraction)
Northwest Territories	OEL TWA	10 mg/m³ (insoluble or poorly soluble-inhalable fraction) 3 mg/m³ (insoluble or poorly soluble-respirable fraction)
Ontario	OEL TWAEV	10 mg/m³ (inhalable fraction) 3 mg/m³ (respirable fraction)
Prince Edward Island	OEL TWA	10 mg/m³ (recommended inhalable particles) 3 mg/m³ (respirable particles, recommended)
Québec	VEMP (OEL TWAEV)	10 mg/m³ (including dust, inert or nuisance particulates-inhalable particulates) 3 mg/m³ (including dust, inert or nuisance particulates-respirable particulates)
Saskatchewan	OEL STEL	20 mg/m³ (insoluble or poorly soluble-inhalable fraction) 6 mg/m³ (insoluble or poorly soluble-respirable fraction)
Saskatchewan	OEL TWA	10 mg/m³ (insoluble or poorly soluble-inhalable fraction) 3 mg/m³ (insoluble or poorly soluble-respirable fraction)

Exposure Controls

Appropriate Engineering Controls: For occupational/workplace settings and bulk quantities: 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. Ensure all national/local regulations are observed. Suitable eye/body wash equipment should be available in the vicinity of any potential exposure.

Personal Protective Equipment: For occupational/workplace settings and bulk quantities: Gloves. Protective goggles. Protective clothing. Dust formation: dust mask.

Materials for Protective Clothing: For occupational/workplace settings: Chemically resistant materials and fabrics.

Hand Protection: For occupational/workplace settings: Wear chemically resistant protective gloves. Wear protective gloves.

Eye Protection: For occupational/workplace settings: Chemical safety goggles.

Skin and Body Protection: For occupational/workplace settings: Wear suitable protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	:	Solid
Color	:	White, crystalline powder
Odor	:	Faint ammonia
Odor Threshold	:	No data available
pH	:	≈ 8 (50 g/L at 20 °C (68 °F)
Evaporation Rate	:	No data available
Melting Point	:	No data available
Freezing Point	:	No data available
Boiling Point	:	No data available
Flash Point	:	No data available
Auto-ignition Temperature	:	No data available
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
Relative Density	:	No data available
Density	:	1.58 g/cm³
Specific Gravity	:	No data available
Solubility	:	Water: 220 g/l at 20 °C (68 °F)
Partition Coefficient: N-Octanol/Water	:	No data available
Viscosity, Kinematic	:	No data available
Particle characteristics	:	No data available

SECTION 10: STABILITY AND REACTIVITY

Reactivity:

Contact with acids liberates toxic gas. Hazardous reactions will not occur under normal conditions.

Chemical Stability:

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

Hazards associated with known or reasonably anticipated uses

Hazardous polymerization will not occur.

Conditions to Avoid:

Temperatures above 49 °C (120.2 °F). Generation of airborne dust. Incompatible materials. Direct sunlight, extremely high or low temperatures, and incompatible materials. Avoid creating or spreading dust.

Ammonia (7664-41-7)		
USA ACGIH	ACGIH® TLV® TWA	25 ppm
USA ACGIH	ACGIH® TLV® STEL	35 ppm
USA OSHA	OSHA PEL TWA	35 mg/m³
USA OSHA	OSHA PEL TWA	50 ppm
USA NIOSH	NIOSH REL TWA	18 mg/m³
USA NIOSH	NIOSH REL TWA	25 ppm
USA NIOSH	NIOSH REL STEL	27 mg/m³

USA NIOSH	NIOSH REL STEL	35 ppm
USA IDLH	IDLH	300 ppm
Alberta	OEL STEL	24 mg/m³
Alberta	OEL STEL	35 ppm
Alberta	OEL TWA	17 mg/m³
Alberta	OEL TWA	25 ppm
British Columbia	OEL STEL	35 ppm
British Columbia	OEL TWA	25 ppm
Manitoba	OEL STEL	35 ppm
Manitoba	OEL TWA	25 ppm
New Brunswick	OEL STEL	35 ppm
New Brunswick	OEL TWA	25 ppm
Newfoundland & Labrador	OEL STEL	35 ppm
Newfoundland & Labrador	OEL TWA	25 ppm
Nova Scotia	OEL STEL	35 ppm
Nova Scotia	OEL TWA	25 ppm
Nunavut	OEL STEL	35 ppm
Nunavut	OEL TWA	25 ppm
Northwest Territories	OEL STEL	35 ppm
Northwest Territories	OEL TWA	25 ppm
Ontario	OEL TWAEV	35 ppm
Ontario	OEL TWAEV	25 ppm
Prince Edward Island	OEL STEL	35 ppm
Prince Edward Island	OEL TWA	25 ppm
Québec	VECD (OEL STEV)	24 mg/m³
Québec	VECD (OEL STEV)	35 ppm
Québec	VEMP (OEL TWAEV)	17 mg/m³
Québec	VEMP (OEL TWAEV)	25 ppm
Saskatchewan	OEL STEL	35 ppm
Saskatchewan	OEL TWA	25 ppm
Yukon	OEL STEL	30 mg/m³
Yukon	OEL STEL	40 ppm
Yukon	OEL TWA	18 mg/m³
Yukon	OEL TWA	25 ppm

Incompatible Materials:

Strong acids, strong bases, strong oxidizers. Nitrates. Nitrites.

Hazardous Decomposition Products:

Thermal decomposition may produce: Carbon dioxide. Ammonia gas. Gives off toxic and irritant fumes when heated or burning.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Likely routes of exposure: Dermal, Eye Contact, Inhalation, Oral.

Acute Toxicity (Oral): Harmful if swallowed.

Acute Toxicity (Dermal): Not classified.

Acute Toxicity (Inhalation): Not classified.

LD50 and LC50 Data:

Arm & Hammer™ Ammonium Bicarbonate (Treated and Untreated) (NA GHS 2024)	
LD50 Oral Rat	1237 mg/kg
LD50 Dermal Rabbit	> 5000 mg/kg

ATE US/CA (oral)	1,237.00 mg/kg body weight

Skin Corrosion/Irritation: Not classified.
pH: ≈ 8 (50 g/L at 20 °C (68 °F)
Eye Damage/Irritation: Not classified.
pH: ≈ 8 (50 g/L at 20 °C (68 °F)
Respiratory or Skin Sensitization: Not classified.
Germ Cell Mutagenicity: Not classified.
Carcinogenicity: Not classified.
Specific Target Organ Toxicity (Repeated Exposure): Not classified.
Reproductive Toxicity: Not classified.
Specific Target Organ Toxicity (Single Exposure): Not classified.
Aspiration Hazard: Not classified.
Symptoms/Injuries After Inhalation: Prolonged inhalation of dust may cause respiratory irritation.
Symptoms/Injuries After Skin Contact: Skin contact with large amounts of dust may cause mechanical irritation.
Symptoms/Injuries After Eye Contact: Eye contact with dust may cause mechanical irritation.
Symptoms/Injuries After Ingestion: This material is harmful orally and can cause adverse health effects or death in significant amounts.
Chronic Symptoms: None known.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Carbonic acid, monoammonium salt (1066-33-7)	
LD50 Oral Rat	1576 mg/kg (Source: OECD_SIDS)
LD50 Dermal Rabbit	> 5000 mg/kg (Source: OECD_SIDS)

Ammonia (7664-41-7)	
LD50 Oral Rat	350 mg/kg (Source: OECD_SIDS)
LC50 Inhalation Rat	5.1 mg/l (Exposure time: 1 h)
LC50 Inhalation Rat	2000 ppm/4h (Exposure time: 4 h)

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Ecology - General: Harmful to aquatic life.

Arm & Hammer™ Ammonium Bicarbonate (Treated and Untreated) (NA GHS 2024)	
LC50 Fish 1	63.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
EC50 - Crustacea [1]	145.6 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Carbonic acid, monoammonium salt (1066-33-7)	
LC50 Fish 1	68.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)
LC50 Fish 2	63.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)

Persistence and Degradability

Bioaccumulative Potential

Arm & Hammer™ Ammonium Bicarbonate (Treated and Untreated) (NA GHS 2024)	
Bioaccumulative Potential	Not established.

Carbonic acid, monoammonium salt (1066-33-7)	
Log POW	-2.4 (at 25 °C)

Mobility in Soil

Arm & Hammer™ Ammonium Bicarbonate (Treated and Untreated) (NA GHS 2024)	
Ecology - Soil	Adsorption to solid soil phase is not expected.

Other Adverse Effects

Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

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

Additional Information: Container may remain hazardous when empty. Continue to observe all precautions.

Ecology - Waste Materials: Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

In Accordance with DOT

Not regulated for transport

In Accordance with IMDG

Not regulated for transport

In Accordance with IATA

Not regulated for transport

In Accordance with TDG

Not regulated for transport

SECTION 15: REGULATORY INFORMATION

US Federal and International Regulations

Arm & Hammer™ Ammonium Bicarbonate Food Grade (Treated and Untreated) (NA GHS 2024)	
CERCLA RQ	5000 lb (2270 kg)
SARA Section 311/312 Hazard Classes	Health hazard - Acute toxicity (any route of exposure)

Carbonic acid, monoammonium salt (1066-33-7)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Listed on the Canadian DSL (Domestic Substances List) Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on KECL/KECI (Korean Existing Chemicals Inventory) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on the Japanese ISHL (Industrial Safety and Health Law) Listed on INSQ (Mexican National Inventory of Chemical Substances) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on the NCI (Vietnam - National Chemical Inventory) Listed on Thailand Existing Chemicals Inventory (DIW)	
CERCLA RQ	5000 lb

US State Regulations

Carbonic acid, monoammonium salt (1066-33-7)
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

Canadian Regulations

Carbonic acid, monoammonium salt (1066-33-7)
Listed on the Canadian DSL (Domestic Substances List)

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

Date of Preparation or Latest Revision : 03/23/2026

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR) SOR/2022-272.

GHS Full Text Phrases:	
H302	Harmful if swallowed
H402	Harmful to aquatic life

Glossary of Data Source Abbreviations

ATSDR: Agency for Toxic Substances and Disease Registry (U.S. Department of Health and Human Services)
AU_WES: Australia WES
CHEMVIEW: ChemView (U.S. Environmental Protection Agency)
EC_RAR: European Commission Renewal Assessment Report
EC_SCOEL: European Commission Scientific Committee on Occupational Exposure Limits
ECETOC: European Centre for Ecotoxicology and Toxicology of Chemicals Reports
ECHA_API: European Chemicals Agency API
ECHA_RAC: ECHA Committee for Risk Assessment
EFSA: European Food Safety Authority
EPA: U.S. Environmental Protection Agency
EPA_AEGL: Acute Exposure Guideline Levels (U.S. Environmental Protection Agency)
EPA_FIFRA: Federal Insecticide, Fungicide, and Rodenticide Act Reregistration Eligibility Decision (U.S. Environmental Protection Agency)
EPA_HPV: High Production Volume Chemicals (U.S. Environmental Protection Agency)
EPA_TRED: Risk Assessment for Tolerance Reassessment Eligibility Decision (U.S. Environmental Protection Agency)
EU_CLH: European Union Harmonised Classification and Labelling Proposal
EU_RAR: European Union Risk Assessment Report
FOOD_JOURN: Food Research Journal (1956)
IARC: The International Agency for Research on Cancer
IDLH: National Institute for Occupational Health and Safety Immediately Dangerous to Life or Health Value Profiles
IUCLID: International Uniform Chemical Information Database
JAPAN_GHS: Japan GHS Basis for Classification Data
JP_J-CHECK: Japan J-Check
KR_NIER: South Korea National Institute of Environmental Research Evaluations
NICNAS: Australia National Industrial Chemicals Notification and Assessment Scheme
NIOSH: National Institute for Occupational Health and Safety (U.S. Department of Health and Human Services)
NLM_CIP: National Library of Medicine ChemID plus database
NLM_HSDB: National Library of Medicine Hazardous Substance Data Bank
NLM_PUBMED: National Library of Medicine PubMed database
NTP: National Toxicology Program
NZ_CCID: New Zealand Chemical Classification and Information Database
OECD_EHSP: Environment, Health, and Safety Publication (Organisation for Economic Co-operation and Development)
OECD_SIDS: Screening Information Data Sets (Organisation for Economic Co-operation and Development)
WHO: World Health Organization

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.

NA GHS SDS (Can, US)