

SAFETY DATA SHEETS

According to the UN GHS revision 10

Version: 1.1
Creation Date: July 15, 2024
Revision Date: August 01, 2025

SECTION 1: Identification

1.1 GHS Product identifier

Product name 9G2MAD7J6W KD3S7H73D3 9003-01-4 D0I6NSZ87U A8371R0U5J 73861X4K5F Carbomer Carbomer 934 [USAN] Carbomer 934p [USAN] Carbomer 940 [USAN] Polyacrylic acid 2-Propenoic acid, homopolymer Carbopol 934P Carbomer 910 [USAN:NF] Carboxypolymethylene Acrylic acid, polymers Acrysol Imw-20X Polymer of 2-propenoic acid, cross-linked with allyl ethers of pentaerythritol Polymer of 2-propenoic acid, cross-linked with allyl ethers of sucrose Polymer of 2-propenoic acid, cross-linked with allyl ethers of sucrose or pentaerythritol P 11H P-11H R968 Acrylic acid homopolymer Acrylic acid, polymer Acrylic acid resin Acrylic polymer Acrylic resin Acrysol A 1 Acrysol A 3 Acrysol A 5 Acrysol AC 5 Acrysol ase-75 Acrysol WS-24 Antiprex A Antiprex 461 Arasorb S 100F Arasorb 750 Aroclon Aron Aron A 10H Atactic poly(acrylic acid) Carbomer 910 Carbopol 910 Carbopol 934 Carbopol 940 Carbopol 960 Carbopol 961 Carbopol 974P Carbopol 980 CarboSet 515 CarboSet Resin No. 515 Carboxy vinyl polymer Carpolene CCRIS 3234 Colloids 119/50 G-Cure Cyguard 266 Dispex C40 Dow Latex 354 Good-rite K 37 Good-rite K-700 Good-rite K 702 Good-rite K727 Good-rite K 732 Good-rite WS 801 Haloflex 202 Haloflex 208 Joncryl 678 Junlon 110 Jurimer AC 10H Jurimer AC 10P Nalfloc 636 Neocryl A-1038 NSC 106034 NSC 106035 NSC 106036 NSC 106037 NSC 112122 NSC 112123 NSC 114472 NSC 165257 OLD 01 PA 11M PAA-25 Pemulen TR-1 Pemulen TR-2 Polyacrylate Polyacrylate elastomers Poly(acrylic acid) Polymer, carboxy vinyl Polymer of acrylic acid, cross-linked with allyl ethers of pentaerythritol Polymer of acrylic acid, cross-linked with allyl ethers of sucrose or pentaerythritol Polymerized acrylic acid Polytex 973 Primal ASE 60 Propenoic acid polymer Racryl Revacryl A 191 Rohagit SD 15 Sokalan PAS Solidokoll N Synthemul 90-588 TB 1131 Tecpol Texcryl Versicol E15 Versicol E 7 Versicol E9 Versicol K 11 Versicol S 25 Viscalex HV 30 Viscon 103 WS 24 WS 801 XPA Polymer of acrylic acid, cross-linked with allyl ethers of pentaerythritol. molecular weight is approximately 1,250,000 Polymer of acrylic acid, cross-linked with allyl ethers of pentaerythritol. Molecular weight is approximately 750,000 Polymer of acrylic acid, cross-linked with allyl ethers of sucrose or pentaerythritol. Molecular weight is approximately 3,000,000 Polymer of acrylic acid, cross-linked with allyl ethers of sucrose. Molecular weight is approximately 3,000,000 Polymer von linksdrehender acrylsaeure mit einem polyfunktionalen agens 2-Propenoic acid, homopolymer Carbomer 934 Carbomer 934P Carbomer 940 UNII-9G2MAD7J6W UNII-KD3S7H73D3 UNII-D0I6NSZ87U UNII-A8371R0U5J HSDB 7826 UNII-73861X4K5F Acrylic acid polymer Acrylic polymer resins

1.2 Other means of identification

Product number C1928263
Other names Acrylic acid polymer; Poly(acrylic acid); 2-Propenoic acid homopolymer

1.3 Recommended use of the chemical and restrictions on use

Identified uses For laboratory and Industrial use only.
Uses advised against no data available

1.4 Supplier's details

Company CATO Research Chemicals Inc.
Address 3/F, Building B, No. 179 BASIGO, Guangpu Rd East, Huangpu Dist, Guangzhou
Telephone +86-20-81960175

1.5 Emergency phone number

Emergency phone number +86-20-81960175
Service hours 'Monday to Friday, 9am-5pm (Standard time zone: UTC/GMT +8 hours).

SECTION 2: Hazard identification

2.1 Classification of the substance or mixture

Acute toxicity - Category 4, Oral
Serious eye damage, Category 1
Specific target organ toxicity – single exposure, Category 3
Hazardous to the aquatic environment, short-term (Acute) - Category Acute 1

Hazardous to the aquatic environment, long-term (Chronic) - Category Chronic 2

2.2 GHS label elements, including precautionary statements

Pictogram(s)



Signal word

Danger

Hazard statement(s)

H302 Harmful if swallowed
H318 Causes serious eye damage
H335 May cause respiratory irritation
H400 Very toxic to aquatic life
H411 Toxic to aquatic life with long lasting effects

Precautionary statement(s)

Prevention

P264 Wash ... thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.

Response

P301+P317 IF SWALLOWED: Get medical help.
P330 Rinse mouth.
P305+P354+P338 IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P317 Get medical help.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P319 Get medical help if you feel unwell.
P391 Collect spillage.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Storage

Disposal

2.3 Other hazards which do not result in classification

no data available

SECTION 3: Composition/information on ingredients

3.1 Substances

Chemical name	Common names and synonyms	CAS number	EC number	Concentration
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9G2MAD7J6W KD3S7H73D3 9003-01-4 D0I6NSZ87U A8371R0U5J 73861X4K5F Carbomer Carbomer 934 [USAN] Carbomer 934p [USAN] Carbomer 940 [USAN] Polyacrylic acid 2-Propenoic acid, homopolymer Carbopol 934P Carbomer 910 [USAN:NF] Carboxypolymethylene Acrylic acid, polymers Acrysol Imw-20X Polymer of 2-propenoic acid, cross-linked with allyl ethers of pentaerythritol Polymer of 2-propenoic acid, cross-linked with allyl ethers of sucrose Polymer of 2-propenoic acid, cross-linked with allyl ethers of sucrose or pentaerythritol P 11H P-11H R968 Acrylic acid homopolymer Acrylic acid, polymer Acrylic acid resin Acrylic polymer Acrylic resin Acrysol A 1 Acrysol A 3 Acrysol A 5 Acrysol AC 5 Acrysol ase-75 Acrysol WS-24 Antiprex A Antiprex 461 Arasorb S 100F Arasorb 750 Arolon Aron Aron A 10H Atactic poly(acrylic acid) Carbomer 910 Carbopol 910 Carbopol 934 Carbopol 940 Carbopol 960 Carbopol 961 Carbopol 974P Carbopol 980 Carboset 515 Carboset Resin No. 515 Carboxy vinyl polymer Carpolene CCRIS 3234 Colloids 119/50 G-Cure Cyguard 266 Displex C40 Dow Latex 354 Good-rite K 37 Good-rite K-700 Good-rite K 702 Good-rite K727 Good-rite K 732 Good-rite WS 801 Haloflex 202 Haloflex 208 Joncryl 678 Junlon 110 Jurimer AC 10H Jurimer AC 10P Nalfloc 636 Neocryl A-1038 NSC 106034 NSC 106035 NSC 106036 NSC 106037 NSC 112122 NSC 112123 NSC 114472 NSC 165257 OLD 01 PA 11M PAA-25 Pemulen TR-1 Pemulen TR-2 Polyacrylate Polyacrylate elastomers Poly(acrylic acid) Polymer, carboxy vinyl Polymer of acrylic acid, cross-linked with allyl ethers of pentaerythritol Polymer of acrylic acid, cross-linked with allyl ethers of sucrose or pentaerythritol Polymerized acrylic acid Polytex 973 Primal ASE 60 Propenoic acid polymer Racryl Revacryl A 191 Rohagit SD 15 Sokalan PAS Solidokoll N Synthemul 90-588 TB 1131 Tecpol Texcryn Versicol E15 Versicol E 7 Versicol E9 Versicol K 11 Versicol S 25 Viscalex HV 30 Viscon 103 WS 24 WS 801 XPA Polymer of acrylic acid, cross-linked with allyl ethers of pentaerythritol. molecular weight is approximately 1,250,000 Polymer of acrylic acid, cross-linked with allyl ethers of pentaerythritol. Molecular weight is approximately 750,000 Polymer of acrylic acid, cross-linked with allyl ethers of sucrose or pentaerythritol. Molecular weight is approximately 3,000,000 Polymer of acrylic acid, cross-linked with allyl ethers of sucrose. Molecular weight is approximately 3,000,000 Polymer von linksdrehender acrylsaeure mit einem polyfunktionalen agents 2-Propenic acid, homopolymer Carbomer 934 Carbomer 934P Carbomer 940 UNII-9G2MAD7J6W UNII-KD3S7H73D3 UNII-D0I6NSZ87U UNII-A8371R0U5J HSDB 7826 UNII-73861X4K5F Acrylic acid polymer Acrylic polymer resins	*	9003-01-4	618-347-7	≈ 99%
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SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

If inhaled

Move the victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and consult a doctor immediately. Do not use mouth to mouth resuscitation if the victim ingested or inhaled the chemical.

Following skin contact

Take off contaminated clothing immediately. Wash off with soap and plenty of water. Consult a doctor.

Following eye contact

Rinse with pure water for at least 15 minutes. Consult a doctor.

Following ingestion

Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor or Poison Control Center immediately.

4.2 Most important symptoms/effects, acute and delayed

no data available

4.3 Indication of immediate medical attention and special treatment needed, if necessary

no data available

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use dry chemical, carbon dioxide or alcohol-resistant foam.

5.2 Specific hazards arising from the chemical

no data available

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing mist, gas or vapours. Avoid contacting with skin and eye. Use personal protective equipment. Wear chemical impermeable gloves. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

6.2 Environmental precautions

Prevent further spillage or leakage if it is safe to do so. Do not let the chemical enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Collect and arrange disposal. Keep the chemical in suitable and closed containers for disposal. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handling in a well ventilated place. Wear suitable protective clothing. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Use non-sparking tools. Prevent fire caused by electrostatic discharge steam.

7.2 Conditions for safe storage, including any incompatibilities

Store the container tightly closed in a dry, cool and well-ventilated place. Store apart from foodstuff containers or incompatible materials.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure limit values

no data available

Biological limit values

no data available

8.2 Appropriate engineering controls

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and the risk-elimination area.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Wear tightly fitting safety goggles with side-shields conforming to EN 166(EU) or NIOSH (US).

Skin protection

Wear fire/flame resistant and impervious clothing. Handle with gloves. Gloves must be inspected prior to use. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Respiratory protection

If the exposure limits are exceeded, irritation or other symptoms are experienced, use a full-face respirator.

Thermal hazards

no data available

SECTION 9: Physical and chemical properties and safety characteristics

Physical state	Colorless viscous liquid.
Colour	no data available
Odour	no data available
Melting point/freezing point	106°C
Boiling point or initial boiling point and boiling range	116°C
Flammability	no data available
Lower and upper explosion limit/flammability limit	no data available
Flash point	100°C
Auto-ignition temperature	no data available
Decomposition temperature	no data available
pH	no data available
Kinematic viscosity	no data available
Solubility	no data available
Partition coefficient n-octanol/water	no data available
Vapour pressure	no data available

Density and/or relative density	1.15g/mL at 25°C
Relative vapour density	no data available
Particle characteristics	no data available

SECTION 10: Stability and reactivity

10.1 Reactivity

no data available

10.2 Chemical stability

no data available

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

no data available

SECTION 11: Toxicological information

Acute toxicity

- Oral: no data available
- Inhalation: no data available
- Dermal: no data available

Skin corrosion/irritation

no data available

Serious eye damage/irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

no data available

Reproductive toxicity

no data available

STOT-single exposure

no data available

STOT-repeated exposure

no data available

Aspiration hazard

no data available

SECTION 12: Ecological information

12.1 Toxicity

- Toxicity to fish: no data available
- Toxicity to daphnia and other aquatic invertebrates: no data available
- Toxicity to algae: no data available
- Toxicity to microorganisms: no data available

12.2 Persistence and degradability

no data available

12.3 Bioaccumulative potential

no data available

12.4 Mobility in soil

no data available

12.5 Other adverse effects

no data available

SECTION 13: Disposal considerations

13.1 Disposal methods

Product

The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

Contaminated packaging

Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

SECTION 14: Transport information

14.1 UN Number

ADR/RID: Not dangerous goods. (For reference only, please check.)

IMDG: Not dangerous goods. (For reference only, please check.)

IATA: Not dangerous goods. (For reference only, please check.)

14.2 UN Proper Shipping Name

ADR/RID: Not dangerous goods. (For reference only, please check.)

IMDG: Not dangerous goods. (For reference only, please check.)

IATA: Not dangerous goods. (For reference only, please check.)

14.3 Transport hazard class(es)

ADR/RID: Not dangerous goods. (For reference only, please check.)

IMDG: Not dangerous goods. (For reference only, please check.)

IATA: Not dangerous goods. (For reference only, please check.)

14.4 Packing group, if applicable

ADR/RID: Not dangerous goods. (For reference only, please check.)

IMDG: Not dangerous goods. (For reference only, please check.)

IATA: Not dangerous goods. (For reference only, please check.)

14.5 Environmental hazards

ADR/RID: Yes

IMDG: Yes

IATA: Yes

14.6 Special precautions for user

no data available

14.7 Transport in bulk according to IMO instruments

no data available

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

Chemical name	Common names and synonyms	CAS number	EC number
*	*	9003-01-4	618-347-7
European Inventory of Existing Commercial Chemical Substances (EINECS)			Not Listed.
EC Inventory			Not Listed.
United States Toxic Substances Control Act (TSCA) Inventory			Listed.
China Catalog of Hazardous chemicals 2015			Not Listed.
New Zealand Inventory of Chemicals (NZIoC)			Listed.
Philippines Inventory of Chemicals and Chemical Substances (PICCS)			Listed.
Vietnam National Chemical Inventory			Listed.
Chinese Chemical Inventory of Existing Chemical Substances (China IECSC)			Listed.
Korea Existing Chemicals List (KECL)			Listed.

SECTION 16: Other information

Information on revision

Creation Date July 15, 2024
Revision Date August 01, 2025

Abbreviations and acronyms

- CAS: Chemical Abstracts Service
- ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
- RID: Regulation concerning the International Carriage of Dangerous Goods by Rail
- IMDG: International Maritime Dangerous Goods
- IATA: International Air Transportation Association
- TWA: Time Weighted Average
- STEL: Short term exposure limit
- LC50: Lethal Concentration 50%
- LD50: Lethal Dose 50%
- EC50: Effective Concentration 50%

References

- IPCS - The International Chemical Safety Cards (ICSC), website: <http://www.ilo.org/dyn/icsc/showcard.home>
- HSDB - Hazardous Substances Data Bank, website: <https://toxnet.nlm.nih.gov/newtoxnet/hsdb.htm>
- IARC - International Agency for Research on Cancer, website: <http://www.iarc.fr/>
- eChemPortal - The Global Portal to Information on Chemical Substances by OECD, website: http://www.echemportal.org/echemportal/index?pageID=0&request_locale=en
- CAMEO Chemicals, website: <http://cameochemicals.noaa.gov/search/simple>
- ChemIDplus, website: <http://chem.sis.nlm.nih.gov/chemidplus/chemidlite.jsp>
- ERG - Emergency Response Guidebook by U.S. Department of Transportation, website: <http://www.phmsa.dot.gov/hazmat/library/erg>
- Germany GESTIS-database on hazard substance, website: <http://www.dguv.de/ifa/gestis/gestis-stoffdatenbank/index-2.jsp>
- ECHA - European Chemicals Agency, website: <https://echa.europa.eu/>

Any questions regarding this SDS, Please send your inquiry to info@cato-chem.com

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