

Soap & More the Learning Centre Inc

3830 - 7 St SE Calgary, AB T2G 2Y8

www.soapandmore.ca 403 217 2346

info@soapandmore.ca

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Date: 10 / 08 / 2020	Versi	on: 1	Cancels and replaces version:
SECTION 1. IDENTIFIC	ATION		
Product Name/Identifier	Carbopol 940		
Recommended Use Restrictions on Use	Powder - Hair Refer to the detailed	list of labeling/re	estrictions (Section 15 Regulatory Information)
Telephone No. (24hrs)	1-704-276-7099		
Emergency Telephone #	1-704-276-7099 (Mo	n-Fri: 8:00AM –	5:00PM EST)
SECTION 2. HAZARD(S) IDENTIFICATION		
Hazard Classification:			
Health Hazards: Germ Cell Muta Carcinogenicity	agenicity: :	Category 1B Category 1A	
Unknown Toxicity: Acute toxicity, o Acute toxicity, o Acute toxicity, i Acute toxicity, i	oral: lermal: nhalation, vapor: nhalation, dust or mist:	0.0% 0.0% 99.3% 100.0%	
OSHA Hazard(s):		Combustible D	Dust
Labeling Elements: Pictograph: Constant Statements/Signal We	ord: H340: DANGER -	May cause gen	etic defects
	EUH018: WARNIN	NG – in use may	form flammable/explosive vapour-air mixture

This information is offered solely for your investigation, verification, and consideration.

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Precautionary statements: Prevention:	P201: Obtain special instructions P202: Do not handle until all safe P233: Keep container tightly close P210: Keep away from heat/spar P240 Ground/bond container and P281: Use personal protective eq	before use ty precautions have been read and understood ed ks/open flames/hot surfaces – No smoking I receiving equipment. uipment as required.
Response:	P308 + P313: IF exposed or cond	cerned: Get medical advice/attention.
Storage:	P405: Store locked up.	
Disposal:	P501: Dispose of contents/contai facility in accordance with a characteristics at time of di	ner to an appropriate treatment and disposal applicable laws and regulations, and product sposal
Other hazards which do not res	ult in classification: None identifie	d
US NFPA 704 (National Fire Pro	tection Association) Hazard Ratin	ig System:
Health hazard: Rating 1; Irritation Flammability: Rating 1; Material m Reactivity: Rating 0; Stable Other Hazard Information: None	or minor reversible injury possible ust be preheated before ignition will	occur
SECTION 3. COMPOSITIO	N / INFORMATION ON INGR	EDIENTS
Common Chemical Name:	Polyacrylic Acid	
Chemical Family:	Polymer	
Description: Mixture: consisting of	of the following components. This se	ection describes all components of the mixture
<u>Substance</u> Polyacrylic Acid Benzene Acrylic Acid	<u>CAS Numbers</u> 9003-01-4 71-43-2 79-10-7	EC Numbers N/APercentage by Weight 99.50 - 100.00%200-753-7 201-177-90.10 - 0.50%
Formula:	Not applicable	
SECTION 4. FIRST-AID ME	EASURES	
General:	If exposed or concerned, in all	cases of doubt, seek medical attention.
Inhalation:	Move to fresh air from exposu breathing difficulty.	re area. Get medical attention for any
Skin contact:	Rinse with soap and water. G	et medical advice if irritation develops.

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Eye contact:	Water (moisture) swells this difficult to remove from the plenty of one percent (1%) p while holding eyelids open. water for 15 minutes. See a should be washed out imme	product into a gelatinous film which may be eye using only water. Immediately flush eyes with ohysiological saline solution for five (5) minutes If no saline is available, flush with plenty of clean physician. Any material that contacts the eye ediately with water. If easy to do, remove contact lenses
Ingestion:	Treat symptomatically. Con	sult with a physician.
Protection of first-aiders:	No special protection requir	ed.
SECTION 5. FIRE-FIGHTIN	G MEASURES	
Fire and explosion hazards:	Avoid hose stream or any m	nethod which will create dust clouds
Extinguishing media:		
Suitable:	Water spray, dry chemicals large fires.	and foam. Carbon dioxide may be ineffective on
Not suitable:	None known	
Fire fighting:	This material has been eval It is categorized as Dust Ex organic dust air mixture. As critical proportions and in th explode. Dust may be sensi arcs, sparks, welding torche sources. This product has a static electricity which may b source for solvent vapor/air measures for handling finely solvent, ensure appropriate flammable vapors. Take can dust. Solid does not readily	uated and is considered to be a risk for dust explosion plosion Class ST1. Material can form an explosive with all organic dusts, fine particles suspended in air ir e presence of an ignition source may ignite and/or tive to ignition by electrostatic discharge, electrical es, cigarettes, open flame, or other significant heat high volume resistivity and a propensity to build up be discharged as a spark. A spark can be an ignition mixtures. As a precaution, implement standard safety y divided organic powders. If you add this product to a safe handling practices such as provision for inerting re to minimize airborne release flammable vapors.
Protection for fire-fighters:	Boots, gloves, goggles & se	elf-contained breathing apparatus
SECTION 6. ACCIDENTAL	RELEASE MEASURES	
Personal precautions:	Avoid contact with eyes. Personal Protective Equipm -Protective goggles	ient:
Environmental precautions:	Prevent entry into sewers and contaminate ground water s major spillages.	nd waterways. Do not allow material to system. Environmental manager must be informed of al

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Methods for cleaning up:		
Recovery:	Pick up free liquid for recyc labeled container for chemi compound or water to avoid vacuum cleaner with particl spill area with detergent. M and waterways, dispose of environmental regulation.	ling or disposal. Sweep up and place in a clearly cal waste. Avoid dust formation. Use wet sweeping d raising a dust. Collect powder using special dust e filter or carefully sweep into closed container. Wash aterial is slippery when wet. Prevent entry into sewers in accordance with all federal, state and local
SECTION 7. HANDLING AND	STORAGE	
Handling Technical measures: Safe handling advice:	Labeling: Keep out of the r Wash hands after use. Ave which create dust. Avoid br repeated contact with skin. static electric sparks. Keep tasting, swallowing or inges	each of children. For industrial use, only as directed. bid storage near feed or food stuff. Avoid conditions eathing dust. Avoid contact with eyes and prolonged Ground container and transfer equipment to eliminate away from heat, sparks and open flame. Avoid drinking this product.
Storage Technical measures: Recommended Storage Conditions:	Keep container closed. Store away from incompatil Store in a dry, well-ventilate Maximum storage temperat	ble materials. See section 10 for incompatible materia ed place. Keep containers closed when not in use. ture is < 80°C or < 176°F.
Incompatible products:	Avoid contact with strong or contact with strong basic m amines. Strong bases. Ref 10 Stability/Reactivity)	xidizers. Heat may be generated if polymer comes in aterials like ammonia, sodium hydroxide or strong ba er to the detailed list of incompatible materials (Section
Packaging: Packaging materials:	Product may be packaged i Recommended - Polypropy	in normal commercial packaging. Iene & High Density Polyethylene

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters:

Occupational exposure limits:

Chemical Name	Туре	Exposure Limit Values	Source
Benzene	TWA	0.5 ppm	US. ACGIH Threshold Limit Values (02 2012)
Benzene	STEL	2.5 ppm	US. ACGIH Threshold Limit Values (02 2012)
Benzene	REL	0.1 ppm	US. NIOSH: Pocket Guide to Chemical Hazards (2010)
Benzene	STEL	1 ppm	US. NIOSH: Pocket Guide to Chemical Hazards (2010)

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Occupational exposure Limits (Continued):

Benzene	TWA	1 ppm		US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) (02 2006)
Benzene	STEL	5 ppm		US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) (02 2006)
Benzene	OSHA-ACT	0.5 ppm		US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) (02 2006)
Benzene	TWA	10 ppm		US. OSHA Table Z-2 (29 CFR 1910.1000) (02 2006)
Benzene	Ceiling	25 ppm		US. OSHA Table Z-2 (29 CFR 1910.1000) (02 2006)
Benzene	MAX. CONC	50 ppm		US. OSHA Table Z-2 (29 CFR 1910.1000) (02 2006)
Acrylic Acid	TWA	2 ppm		US. ACGIH Threshold Limit Values (02 2012)
Acrylic Acid	REL	2 ppm	6 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards (2010)

Other exposure limits:

Chemical Name	Туре	Exposure Limit Values	Source
Polyacrylic Acid	TWA	0.5 mg/m3	

Biological limit values:

Chemical Name	Exposure Limit Values	Source
Benzene (t,t-Muconic acid: Sampling time: End of shift.)	500 μg/g (Creatinine in urine)	ACGIH BEI (03 2013)
Benzene (SPhenylmercapturic acid: Sampling time: End of shift.)	25 µg/g (Creatinine in urine)	ACGIH BEI (03 2013)

Appropriate engineering controls:

To prevent dust explosions employ bonding and grounding for operations capable of generating static electricity. Minimize dust generation and accumulation. Provide adequate ventilation.

Personal Protective Equipment:

Respiratory protection:	Local exhaust
Hand protection:	Protective gloves made of rubber or neoprene.
Eye protection:	Use tight fitting goggles if dust is generated.
Collective emergency equipment:	Eye fountain.
Skin and Body Protection:	Suitable protective clothing
Hygiene measures:	Handle in accordance with good industrial hygiene and safety practice.

Measures related to the Environment: No particular measures.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Physical state: Form: Color:	Solid Powder White
Odor:	Slight acetic
pH (1% Water):	2.5 – 3.0
Relative Density (20°C):	Not determined
Vapor density: Boiling Point: Freezing Point: Melting point:	Not determined Not determined Not determined Not determined
Evaporation rate: Flammability (solids, gas):	Not determined Not determined
Vapor pressure:	Not determined
Bulk density: Dust explosion properties: Minimum ignition energy: Minimum ignition temperature: Max. Rate of Pressure Rise: Volume Resistivity: Percent volatile:	< 0.24 g/ml 77 °F (25 °C) 157 - 193 m.b_/s 25 - 50 mJ Approximate 896 °F (480 °C) 5,500 psi/s (0.5 oz/ft3) 1.84x 10+16 ohm-cm < 2 %(Percent by Weight)
Flash point: Oxidizing properties:	Not applicable Non oxidizing material according to EC criteria.
Solubility : In water: In organic solvents: Log P:	Material will swell in water Not determined Not determined
SECTION 10. STABILITY AND	D REACTIVITY
Stability:	Stable under ordinary conditions of use and storage up to one year then re-test to full product specifications to extend shelf life
Hazardous reactions:	None known

Conditions to avoid:

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Static discharge, moisture & heat

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Materials to avoid:	No dangerous reaction know	vn with common products.
Hazardous decomposition products	: Thermal decomposition or co other toxic gases or vapors.	ombustion may liberate carbon oxides and
SECTION 11. TOXICOLOGICA	L INFORMATION	
Ingestion:	Not Determined	
Dermal:	Not Determined	
Ocular:	Not Determined	
Inhalation:	Not Determined	
Acute toxicity data:		
Oral:	Not classified for acute toxicit	ty based on available data
Dermal:	Not classified for acute toxici	ty based on available data
Inhalation:	Avoid inhalation of dust. Anin polyacrylate dust may cause sensitive airways (e.g., asthn cause coughing, mucous pro acute toxicity based on availa	nal studies indicate the inhalation of respirable inflammatory changes in the lung. Persons with natics) may react to vapors. Breathing of dust may iduction, and shortness of breath. Not classified for able data.
Skin Corrosion/Irritation:	Classification: Not irritating (R Remarks: Pre-existing skin c repeated exposure. Contact extreme and unusual condition exposure accompanied by el This effect may be the result or pH. Not classified as a prin	Read across); Rabbit. onditions may be aggravated by prolonged or dermatitis may occur in sensitive individuals under ons of prolonged and repeated contact, such as high evated temperature and occlusion by clothing. of the product's hygroscopic properties, abrasion, mary skin irritant.
Serious Eye Damage/Eye Irritation:	Classification: Not irritating (F Remarks: Particles in the eye Remarks: Not classified as a	Read across); Rabbit. es may cause irritation and smarting. primary eye irritant.
Respiratory sensitization: Skin sensitization:	Not Determined Classification: Not a skin sen	sitizer. (Read across) Not a skin sensitizer.
Specific Target Organ Toxicity - Sin Benzene: Acrylic Acid:	gle Exposure: Nose, throat and lung irritant Respiratory tract irritation	
Aspiration Hazard:	Not determined	
Other effects:	This material readily absorbs upon contact with mucous m the nasal passages.	moisture and may become thick and gelatinous embranes of the eye, or upon inhalation into

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Chronic Effects:		
Carcinogenicity:		
Product:	Not determined	
Benzene:	IARC 1: Carcinogenic to hur	mans
IARC Monographs on the Eva	luation of Carcinogenic Risks to I	Humans:
Benzene:	Overall evaluation: 1. Carcin	nogenic to humans
US. National Toxicology Prog	ram (NTP) Report on Carcinogens	5:
Benzene:	Known To Be Human Carcir	nogen.
US. OSHA Specifically Regula	ated Substances (29 CFR 1910.100	01-1050):
Benzene:	Cancer	
Germ Cell Mutagenicity:		
Benzene:	In vitro mutagenicity testing	have yielded mixed results
Acrylic Acid:	Results of vitro mutagenicity	v tests have been positive
Benzene:	Mutagenic in vivo in both so	matic cells and germ cells
Acrylic Acid:	Results of in vivo mutagenic	ity tests have been negative
Reproductive toxicity:	Not determined	
Specific Target Organ Toxicit	y - Repeated Exposure:	
Product:	A two-year inhalation study	in rats exposed to a respirable, waterabsorbent sodiu
	polyacrylate dust resulted in	lung effects such as inflammation, hyperplasia, and
	tumors. There were no obse	erved adverse effects at exposures of 0.05 mg/m3. In
	addition, long-term medical	monitoring of potentially exposed workers has not
	revealed lung effects such a	s those observed in the rat. However, the inhalation
	respirable dusts should be a	voided by implementing respiratory protection
	measures and observing the	e recommended permissible exposure limit of
	0.05 mg/m3.	
Benzene:	Chronic exposure to benzen	he has been reported to cause bone marrow
	abnormalities and adverse b	plood effects including anemia. Progressive deteriora
	of hematopoietic function ex	pressed as a decrease in absolute lymphocyte coun
	the most sensitive indicator	of benzene exposure.
	Dermal: Target Organ(s): blo	ood formation system
	Inhalation: Target Organ(s):	blood formation system
	Oral: Target Organ(s): blood	formation system
Acrylic Acid:	Prolonged or repeated expo	sure may cause kidney damage.
-	Unknown: Target Organ(s):	Kidney

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SECTION 12. ECOLOGIC	AL INFORMATION	
Ecotoxicity		
Fish:		
Product:	LC 50 (Bluegill Sunfish, 96 I	h): 580 mg/l
Benzene:	LC 50 (Bluegill Sunfish, 4 d)): 22 mg/l
	LC 50 (Rainbow Frout, 4 d):	: 5.3 mg/l
	LC 50 (Fathead Minnow, 32	2 d): > 1.6 mg/l
Acrylic Acid:	LC 50 (Rainbow Trout, 4 d):	: 27 mg/l
Aquatic Invertebrates:		
Product:	EC 50 (Water flea (Daphnia	n magna), 48 h): 174 mg/l
Benzene:	EC 50 (Water flea (Daphnia	n magna), 2 d): 10 mg/l
Acrylic Acid:	EC 50 (Water flea (Daphnia	a magna), 2 d): 95 mg/l
Toxicity to Aquatic Plar	nts:	
Benzene:	EC 50 (Green algae (Selena	astrum capricornutum), 3 d): 100 mg/l
Acrylic Acid:	EC 50 (Green algae (Selena	astrum capricornutum), 3 d): 0.13 mg/l
Toxicity to soil dwelling organ	isms: Not determined	
Sediment toxicity:	Not determined	
Toxicity to terrestrial plants:	Not determined	
TOXICITY TO ADOVE-GIOUND OIG		
Toxicity to microorganisms:		- //
Benzene:	EC 50 (Bacteria, 1 d): 13 m	g/i ma/i
Acrylic Acid.	EC 50 (Sludge, 0.1 d). 900	nigh
Persistence and Degradability	Biodegradation:	
Benzene:	OECD IG 301 F, 96 %, 28	d, Readily biodegradable
Acrylic Acid:	OECD TG 301 D, 80 %, 28	d, Readily biodegradable
ioaccumulative Potential Biod	concentration Factor (BCF): Not	t determined
Partition Coefficient n-octanol	/ water (log Kow):	
Benzene:	Log Kow: 2.13 (calculated)	
Acrylic Acid:	Log Kow: 0.46 (calculated)	
Nobility:	Not determined	
other Adverse Effects:	Not determined	

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SECTION 13. DISPOSAL C	ONSIDERATIONS	
Residues from product		
Prohibition: Destruction/Disposal:	Do not allow the product to b Dispose of in accordance wit	e released into the Environment. h relevant local regulations
Contaminated packaging		
Decontamination/cleaning: Destruction/Disposal:	Cleaning is not required prior Container packaging may ex	r to disposal. hibit hazards.
Note: Take all necessary precau	tions when disposing of this produc	et according to local regulations.
SECTION 14. TRANSPOR	FINFORMATION	
_abeling of the Mixture:		
JN Number:	UN 3077	
JN Proper Shipping Name:	Environmentally Hazardous	Substance, Solid, N.O.S. [Benzene (INCI)]
ransport Hazard Class(es):		
Class:	9	
Label(s):	9	
Packing Group:	111	
Varine Pollutant	No	
	None established	
Special precautions for user:	Benzene 10 Ins	
Special precautions for user: Reportable quantity:		
Special precautions for user: Reportable quantity: ransport/Additional Information:		
Special precautions for user: Reportable quantity: Transport/Additional Information: MDG Remarks:	Not regulated for US DOT G	round Transport in non-bulk containers.
Special precautions for user: Reportable quantity: Transport/Additional Information: MDG Remarks: ATA Remarks:	Not regulated for US DOT G	round Transport in non-bulk containers.

SECTION 15. REGULATORY INFORMATION

more than 12 months, it is advisable to check their validity with your sales office.

Labeling/Restrictions:

EC regulations:

Benzen is listed in Annex II (List of Substances Prohibited in Cosmetic Products) of Regulation (EC) No 1223/2009 - (EC) 2009/552 - as a constituent of other substances, or in mixtures, in concentrations equal to, or greater than 0.1% by weight

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USA regulations: Restrictions:	This canc	product may contain ch er and/or birth defects.	emical(s) known to the state of California to cause Additional information can be received upon request.
Canada regulations: Restrictions:	Benz sche Envii conc	Benzene is listed in Part 1, with a Hazard Category (C = combustible) under schedule 1. It is subjected to the reporting of a release in section 18 of the Environmental Emergency Regulations, 2019 if it meets the minimum concentration of 1% (mass/mass) and is not part of exclusions in $2(2)$.	
Brazil regulations:	Benz RDC	Benzene is listed on the List of Prohibited Substances according to Resolution RDC n°79, of August 28, 2000	
Further regulations			
United Kingdom:	Hanc subs Hygi Worł	Handle in accordance with relevant British regulation: control of substance Hazardous to Health Regulations Environmental Hygiene Guidance: EH40 Workplace Exposure Limits (revised annually)	
Korea regulations:	Indus Haza Fire _l	strial safety and hygiene ardous material control i prevention regulation:	e regulation: No egulation: No No
Other regulations:			
EINECS inventory status:		Polyacrylic Acid: Benzene: Acrylic Acid:	N/A 200-753-7 201-117-9
TSCA inventory status: AICS inventory status: Canadian (CEPA DSL) inventory	status:	Exempt 9003-01-4 & 71-43-2 Listed as 2-Propend acid (and its salts) (2 & 79-10-7 ic acid, homopolymer (DSL) & Benzene (DSL) & Acryli
Japan (MITI list): Korea: China inventory status:		Polyacrylic Acid & B Polyacrylic Acid & B Polyacrylic Acid^ & Not Listed: Benzene	enzene** & Acrylic Acid Benzene^ & Acrylic Acid^ & Acrylic Acid d & Acrylic Acid
Philippines inventory status:		Listed as 2-Propend	ic acid, homopolymer & Benzene & 2-Propenoic acid
*Listed on 2010 INCI Standard C **Not listed on Cosmetic-Info dat	hinese Nam abase (or) c	ne Directory on Restricted List	

^Not listed in 2004 CTFA Dictionary - Registered with Personal Care Products Council

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the products described in this sheet. The user's attention is drawn to the possible existence of additional provision which complete these regulations. Please refer to all applicable international, national and local regulations and provisions

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SECTION 16. OTHER INFORMATION

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Prohibited uses:	For specific uses, food industry, ask the manufacturer for more information.
Last Revision Date:	N/A
Preparation Date:	10/08/2020
MSDS summary of changes	No deletion, addition or revision to date

The information given is based on our knowledge of this product, at the time of publication in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than which it was intended. This is not in any way excuse the user from knowing and applying all the regulations governing their activity. It is sole responsibility of the user to take all precautions required in handling the product. The purpose of mandatory regulation mentioned is to help the user to fulfill his obligations regarding the use of products. This information is not exhaustive, this is not exonerate the user from ensuring that legal obligations other than those mentioned, relating to the use and storage.