

Safety Data Sheet

Safety Data Sheet (in compliance with Regulation (EC) 1907/2006, Regulation (EC) 1272/2008 and Regulation (EC) 453/2010)

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1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier:

Trade Name (as labeled):
Part/Item Number:

Schein Or-Evac Evacuation Cleaner
102-6316

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:

Recommended Use:
Restrictions on Use:

Dental evacuation system cleaner
For professional use only

1.3 Details of the Supplier of the Safety Data Sheet:

Manufacturer/Supplier Name:
Manufacturer/Supplier Address:

Henry Schein, Inc.
135 Duryea Road, Mellville, NY 11747

Manufacturer/Supplier Telephone Number:

1-800-472-4346 (Product Information)

Email address:

customer.service@henryschein.com

1.4 Emergency Telephone Number:

Emergency Contact Telephone Number:

1-800-424-9300 (Chemtrec)

2. HAZARD(S) IDENTIFICATION

2.1 Classification of the Substance or Mixture:

GHS Classification:

Health	Environmental	Physical
Eye Irritation Category 2 Skin Irritation Category 2	Not hazardous	Not hazardous

EU Classification (1999/45/EC as amended): Not hazardous

Refer to Section 16 for the full text of the EU Classifications and R Phrases.

Labeling Elements:



Signal Word: Warning!

Hazard Statements	Precautionary Statements
H315 Causes skin irritation. H319 Causes serious eye irritation.	P264 Wash thoroughly after handling. P280 Wear protective gloves, eye protection and face protection. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical attention. P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P332 + P313 If skin irritation occurs: Get medical attention. P362 + P364 Take off contaminated clothing and wash it before reuse.

2.3 Other Hazards: None

3. COMPOSITION AND INFORMATION ON INGREDIENTS

3.2 Mixture

Hazardous Components	C.A.S. # EC#	IUPAC Name	Substance Classification	WT %
Sodium Carbonate	497-19-8 / 207-838-8	Sodium Hydrogen Carbonate	Eye Irrit. 2 H319 Xi; R36	<5
Alkyl dimethyl benzyl ammonium chloride	68391-01-5 / 269-919-4	C12-C18 alkyl benzyl dimethyl ammonium chloride	Skin Corr 1B H314 Eye Dam 1 H318 Acute Tox 4 H202 Acute Aquatic 1 H400 C, N, Xn R22, R34, R50	<3

The exact concentration is being withheld as a trade secret.

Refer to Section 16 for the full text of the EU Classifications and R Phrases.

4. FIRST-AID MEASURES

4.1 Description of First Aid Measures:

Routes of Exposure	First Aid Instructions
Eye	Immediately flush eyes with large quantities of water for several minutes, holding the eyelids apart. Get medical attention if irritation persists.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation occurs and persists.
Inhalation	If symptoms develop, remove to fresh air. Get medical attention if symptoms develop.
Ingestion	Do not induce vomiting. Rinse mouth with water and give one glass of water to drink. Never give anything by mouth to an unconscious or convulsing person. Get medical attention if symptoms develop.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed:

Causes eye and skin irritation. Inhalation of mists may cause mucous membrane and upper respiratory tract irritation.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed:

None expected under normal use conditions.

Note to Physicians (Treatment, Testing, and Monitoring): Treatment of overexposure should be directed at the control of symptoms and clinical conditions.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Use media appropriate for surrounding fire.





5.2 Special Hazards Arising from the Substance or Mixture:

None known.

5.3 Advice for Fire-Fighters:

Fire Fighting Procedures:	Cool fire exposed containers and structures with water.
Precautions for Fire Fighters:	Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing.

Recommended Protective Equipment for Fire Fighters:



EYES/FACE	SKIN	RESPRIATORY	THERMAL
			

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Wear appropriate protective clothing, gloves and eye protection. Avoid contact with eyes, skin, and clothing. Use with adequate ventilation. Wash hands with soap and water after use.

Recommended Personal Protective Equipment for Containment and Clean-up:

EYES/FACE	SKIN	RESPIRATORY	THERMAL
			

6.2 Environmental Precautions: Prevent spill from entering sewers and water courses. Report releases as required by local and national authorities.

6.3 Methods and Materials for Containment and Clean-up: Collect using an inert non-combustible absorbent material and place in appropriate containers for disposal.

6.4 Reference to Other Sections:

Refer to Section 8 for Personal Protective Equipment and Section 13 for Disposal information.

7. HANDLING AND STORAGE

7.1 Precautions for Safe Handling:

Avoid contact with the eyes and skin. Avoid breathing mists. Wear appropriate protective clothing and equipment. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Keep containers closed when not in use.

7.2 Conditions for Safe Storage, Including Any Incompatibilities:

Conditions for Safe Storage: Store in a cool, dry, well ventilated area away from oxidizing agents. Protect from physical damage.

7.3 Specific End Use (s): For professional use only.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters:

Occupational Exposure Limits:

Alkyl dimethyl benzyl ammonium chloride	United States	None Established
	Germany	None Established
	United Kingdom	None Established
	France	None Established
	Spain	None Established
	Italy	None Established
	European Union	None Established
Sodium Carbonate	United States	None Established
	Germany	None Established
	United Kingdom	None Established
	France	None Established
	Spain	None Established
	Italy	None Established
	European Union	None Established
Biological Exposure Limits: None Established		

8.2 Exposure Controls:

Appropriate Engineering Controls: None required under normal use. If exposures are excessive, use local exhaust ventilation to minimize exposures.

Individual Protection Measures (PPE)



Specific Eye/face Protection: Chemical safety goggles recommended if splashing is possible.

Specific Skin Protection: Wear impervious gloves such as rubber. Recommended glove: Rubber. Consult glove supplier for thickness and breakthrough times.

Specific Respiratory Protection: None required under normal use conditions.

Specific Thermal Hazards: Not applicable

Recommended Personal Protective Equipment:

EYES/FACE	SKIN	RESPIRATORY	THERMAL
			

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties:

Appearance:	Yellow liquid	Explosive limits:	Not applicable
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Odor:	Lemon fragrance	Vapor pressure:	Not available
Odor threshold:	Not available	Vapor density:	Not available
pH:	Not available	Relative density:	~1
Melting/freezing point:	~32°F / 0°C	Solubility:	Soluble
Initial boiling point and range:	212°F / 100 °C	Partition coefficient: n-octanol/water:	Not available
Flash point:	None determined	Auto-ignition temperature:	None
Evaporation rate:	Not determined	Decomposition temperature:	Not available
Flammability:	Not flammable	Viscosity:	Not available
Explosive Properties:	None	Oxidizing Properties:	None

9.2 Other Information: None available

10. STABILITY AND REACTIVITY

10.1 Reactivity: Will not polymerize or react dangerously.

10.2 Chemical Stability: Stable under normal use conditions.

10.3 Possibility of Hazardous Reactions: None known.

10.4 Conditions to Avoid: None known.

10.5 Incompatible materials: Avoid strong oxidizing agents.

10.6 Hazardous Decomposition Products: Thermal decomposition may produce carbon and nitrogen oxides and ammonia.

11. TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Potential Health Effects:

Eyes: Causes irritation with redness, tearing and pain.

Skin: Causes skin irritation.

Ingestion: Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Inhalation: Inhalation of mists may cause irritation to mucous membrane and upper respiratory tract.

Chronic Health Effects: None known.

Carcinogenicity: None of the components are listed as a carcinogen by IARC, NTP, OSHA, ACGIH or the EU Substances Directive. Alkyl dimethyl benzyl ammonium chloride: no evident of carcinogenicity in rats or mice at doses of 1,000 ppm and 500 ppm respectively.

Mutagenicity: Alkyl dimethyl benzyl ammonium chloride was not mutagenic in AMES test, forward mutation assay, and unscheduled DNA synthesis assays.

Medical Conditions Aggravated by Exposure: Employees with pre-existing eye and skin disorders may be at increased risk from exposure.

Acute Toxicity Data:

Alkyl dimethyl benzyl ammonium chloride: Oral rat LD50 50-500 mg/mg; Skin rabbit LD50> 2,000 mg/kg

Sodium Carbonate: Oral Rat LD50 2,880 mg/kg; Inhalation rat LC50 2.3 mg/L/2 hr

Reproductive Toxicity Data: Alkyl dimethyl benzyl ammonium chloride: No effects were observed in reproductive and developmental toxicity studies including a two-generation study in rats. Sodium carbonate: No adverse effects on reproduction have been observed in studies with rabbits, rats or mice.

Specific Target Organ Toxicity (STOT):

Single Exposure: No data available

Repeated Exposure: Alkyl dimethyl benzyl ammonium chloride: No systemic toxicity was observed in studies with mice, rats and dogs.

12. ECOLOGICAL INFORMATION

12.1 Toxicity:

Alkyl dimethyl benzyl ammonium chloride: LC/EC50 values 0.1-1 mg/L

12.2 Persistence and Degradability: No data available for product.

12.3 Bio-accumulative Potential: No data available for product.

12.4 Mobility in Soil: No data available for product.

12.5 Other Adverse Effects: No data available for product.

12.6 Results of PBT/vPvB Assessment: Not required

13. DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:

Regulations: Dispose in accordance with local and national environmental regulations.

Properties (Physical/Chemical) Affecting Disposal: None known.

Waste Treatment Recommendations: None known.

14. TRANSPORT INFORMATION

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
DOT	None	Not Regulated	None	None	No
ADR/RID	None	Not Regulated	None	None	No
IMDG	None	Not Regulated	None	None	No
IATA/ICAO	None	Not Regulated	None	None	No

14.6 Special precautions for user: Not applicable

14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code: Not applicable – product is transported only in packaged form.

15. REGULATORY INFORMATION

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture:

U.S. Federal Regulations

Comprehensive Environmental Response and Liability Act of 1980 (CERCLA): This product is not subject to CERCLA release reporting. Many states have more stringent regulations. Report all spills in accordance with local, state, and federal regulations.

Toxic Substances Control Act (TSCA): All of the ingredients in this product are listed on the EPA TSCA Inventory.

Clean Water Act (CWA): Not Listed

Clean Air Act (CAA): Not Listed

Superfund Amendments and Reauthorization Act (SARA) Title III Information:

SARA Section 311/312 (40 CFR 370) Hazard Categories:

Immediate Hazard:	Yes	Pressure Hazard:	No
Delayed Hazard:	No	Reactivity Hazard:	No
Fire Hazard:	No		

This product contains the following toxic chemical(s) subject to reporting requirements of SARA Section 313 (40 CFR 372):

Components	C.A.S. #	WT %
None		

State Regulations

California: This product contains the following chemical(s) known to the State of California to cause cancer, birth defects or reproductive harm:

Components	C.A.S. #	WT %
None		

International Regulations

Canadian Workplace Hazardous Materials Information System (WHMIS): Class D 2B (Eye and skin irritant)

EU REACH: The substances in this product comply with the EU REACH regulation as applicable.

16. OTHER INFORMATION
<p>Full text of Classification abbreviations used in Section 2 and 3:</p> <p>C Corrosive N Dangerous for the environment. Xi Irritant Xn Harmful R22 Harmful if swallowed. R34 Causes burns. R36 Irritating to eyes. R50 Very toxic to aquatic organisms.</p> <p>Acute Tox 4 Acute Toxicity Category 4 Eye Dam 1 Eye Damage Category 1 Eye Irrit. 2 Eye Irritation Category 2 Skin Corr 1B Skin Corrosion Category 1B Acute Aquatic 1 Aquatic Acute Toxicity Category 1</p> <p>H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H319 Causes serious eye irritation. H400 Very toxic to aquatic life.</p> <p>Supersedes: : None Revision Summary: New SDS Date of SDS Preparation/Revision: 10 July 2014</p> <p>Data Sources: US NLM ChemID Plus and HSDB, Substance SDS for components, IUCLID Dataset EU Chemical Bureau, ESIS, Country websites for occupational exposure limits.</p>