

Safety Data Sheet (SDS)

REVIVE INTERIOR CLEANER AND CONDITIONER

REV Motive DBA Rev Auto Car Care Products

1. PRODUCT AND COMPANY IDENTIFICATION

1.1 Product identifiers

Product name : REVIVE INTERIOR CLEANER AND CONDITIONER
 Product identifier : NA-CSE
 Product Family : AQUEOUS MIXTURE

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified Uses : Automotive detailing

1.3 Details of the supplier of the safety data sheet

Company : REV Auto Car Care Products
 REV Motive
 280 South Lemon Ave 266
 Walnut, CA 91788
 Telephone : 1-802-738-0118
 Fax :

1.4 Emergency telephone number

Emergency phone # : PERS NORTH AMERICA 1-800-633-8253
 INTERNATIONAL 1-801-629-0667

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910(OSHA HCS)

H314 Causes severe skin burns and eye damage

H318 Causes serious eye damage

Precautionary Statements

P260 Do not breathe dust/fume/gas/mist/vapors/spray

P264 Wash thoroughly after handling

P280 Wear protective gloves/protective clothing/eye protection/face protection

P301+P330+P331 If swallowed: rinse mouth. Do NOT induce vomiting

P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower

P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P310 Immediately call a poison center/doctor

P363 Wash contaminated clothing before reuse

P405 Store locked up

P501 Dispose of contents/container to an approved waste disposal plant.

2.2 GHS Label elements, including precautionary statements

SIGNAL WORD: DANGER

Pictogram

Modified 5/12/2017



3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS number	Warnings	Concentration
Water	7732-18-5		80 - 90
Poly(dimethylsiloxane)	63148-62-9		1 - 5
Siloxanes and Silicones, dimethyl, polymers with 3-[(2-aminoethyl)amino]propyl silsesquioxanes, hydroxy-terminated	68554-54-1	Skin Irrit. 2, Eye Irrit. 2	1 - 5
1-Dodecanamine, N,N-dimethyl-, N-oxide	1643-20-5	Skin Corr. 1B	1 - 5
Sodium hydroxide	1310-73-2	Met. Corr. 1, Skin Corr. 1A, Eye Dam. 1	0.1 - 0.5
Disodium carbonate	497-19-8		0.1 - 0.5

4. FIRST AID MEASURES

First aid procedures

After inhalation:

Get victim to fresh air. Give artificial respiration or oxygen if breathing has stopped. Get prompt medical attention. Do not give fluids if victim is unconscious. If victim is conscious, rinse mouth with water and contact emergency number listed in section 1.4.

After contact with skin:

Immediately wash skin with soap and water. Causes skin burns. Seek immediate medical attention if irritation or allergic reaction is present.

After contact with eyes:

Immediately flush eyes with running water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek immediate medical attention if redness or irritation occurs. Avoid agitation. Abrasives present in substance may scratch eyes. Remove contact lenses if able.

After ingestion:

Rinse mouth with water, contact poison control center or emergency number listed in section 1.4. Never give anything by mouth to an unconscious person.

Advice to doctor / Treatment:

None known.

5. FIRE FIGHTING MEASURES

Hazardous combustion products: carbon oxides

Extinguishing media: Use appropriate extinguishing media for surrounding fire.

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Special fire fighting procedure: Apply alcohol-type or all purpose-type foams by manufacturers' recommended techniques for large fires or water spray. Use carbon dioxide or dry chemical media for small fires. Use self-contained breathing apparatus and protective equipment. Cool endangered containers with water jet.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Avoid breathing vapors, mist or gas. For personal protection see section 8.
Environmental Precautions	Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Methods for Containments and Clean-up	Contain large spills as best as possible. Dam flow with appropriate materials and absorb centralized spillage with inert material such as vermiculite, cat litter or diatomaceous earth. Sweep and dispose of as needed. For small spills, wipe away and wash affected area.

7. HANDLING AND STORAGE

Handling	Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Wash thoroughly after handling.
Storage	Keep container tightly closed in a dry and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guideline Comments Exposure Limits:

Sodium hydroxide (1310-73-2)		
ACGIH	ACGIH Ceiling (mg/m ³)	2 mg/m ³
OSHA	OSHA PEL (TWA) (mg/m ³)	2 mg/m ³
IDLH	US IDLH (mg/m ³)	10 mg/m ³
NIOSH	NIOSH REL (ceiling) (mg/m ³)	2 mg/m ³

Engineering Controls	Adequate ventilation necessary.
Personal Protective Equipment (PPE)	
Eye/Face Protection	Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).
Skin Protection	Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.
Respiratory Protection	None required under normal product handling conditions.
General Hygiene Considerations	Wash hands before and after use and before smoking eating or drinking.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance	White emulsion
Particle Size	Not applicable
Odor	Lemon
Odor Threshold	No Available Data

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Boiling Point	200F
Decomposition Temperature	No Available Data
Melting point	32F
Relative Density	1g/cm3
Bulk Density	No Available Data
Solubility in Water	100%
Solubility in other liquids	No Available Data
pH	12.5
Flash point	No Available Data

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under recommended storage conditions.
Conditions to Avoid	None
Hazardous Decomposition Products	Carbon oxides
Possibility of Hazardous Reactions	None

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Not classified

Water (7732-18-5)	
LD50 oral rat	> 90 ml/kg
Sodium hydroxide (1310-73-2)	
LD50 dermal rabbit	1350 mg/kg
ATE US (dermal)	1350 mg/kg
Poly(dimethylsiloxane) (63148-62-9)	
LD50 oral rat	> 24 g/kg
Disodium carbonate (497-19-8)	
LD50 oral rat	4090 mg/kg
LC50 inhalation rat (mg/l)	2300 mg/m ³ (Exposure time: 2 h)
ATE US (oral)	4090 mg/kg

Skin Irritation/Corrosion

Causes severe skin burns and eye damage.

Eye Irritation/Corrosion

Causes serious eye damage.

Respiratory or skin sensitization

May cause an allergic skin reaction.

Germ cell mutagenicity

Not classified.

Carcinogenicity

Not classified.

Effects of Short-Term (Acute) Exposure

Not classified.

Effects of Long-Term (Chronic) Exposure

Not classified.

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Aspiration Hazard

Not classified.

12. ECOLOGICAL TOXICITY**12.1 Toxicity****Disodium carbonate (497-19-8)**

LC50 fish 1 300 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
 EC50 Daphnia 1 265 mg/l (Exposure time: 48 h - Species: Daphnia magna)
 LC50 fish 2 310 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

Sodium hydroxide (1310-73-2)

LC50 fish 1 45.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential**Disodium carbonate (497-19-8)**

BCF fish 1 (no bioaccumulation)

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted**12.6 Other adverse effects**

No data available

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with federal, provincial and local government regulations. Containers should NOT be re-used. Containers should be disposed of in accordance with government guidelines.

14. TRANSPORT INFORMATION**Shipping Information**

Not UN rated.

Special Shipping Information

Not applicable.

NFPA/HMIS

2 HEALTH

0 FLAMMABILITY

0 REACTIVITY

15. REGULATORY INFORMATION**US Federal**

Water (7732-18-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
1-Dodecanamine, N,N-dimethyl-, N-oxide (1643-20-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Disodium carbonate (497-19-8)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

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Siloxanes and Silicones, dimethyl, polymers with 3-[(2-aminoethyl)amino]propyl silsesquioxanes, hydroxy-terminated (68554-54-1)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e, Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)).
Sodium hydroxide (1310-73-2)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
CERCLA RQ	1000 lb
Poly(dimethylsiloxane) (63148-62-9)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e, Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)).

US State

Sodium hydroxide (1310-73-2)
U.S. - Massachusetts - Right To Know List U.S. - Minnesota - Hazardous Substance List U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List

16. OTHER INFORMATION**SDS Prepared by
Disclaimer****REV Motive dba REV Auto Car Care Products**

This health and safety information is correct to the best of our knowledge and belief at the date of its publication, but we cannot accept liability for any loss, injury or damage which may result from its use. We shall ensure, so far as is reasonably practicable, to maintain revised copies of this information to be requested. When applicable, revised copies shall be sent to customers whom have been directly supplied with this substance. It must be known that it is the responsibility of any intermediate supplier to ensure that such revision is passed to the user. The information given in the Data Sheet is designed only as guidance for safe handling, storage and the use of the substance. It is not a specification nor does it guarantee any specific properties. All chemicals should be handled only by competent personnel, within a controlled environment. Should further information be required, this can be obtained through the sales office whose address is at the top of this sheet.