

SAFETY DATA SHEET

Restore Supreme Rinse

Date: NOV 2019
Revision:

Page: 1 of 4

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: Restore Supreme Rinse

Product code: RCSR

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

Rinse additive for carpet and upholstery cleaning.

1.3 Details of the supplier of the safety data sheet

SUPPLIER: RESTORMATE

Unit 58A South Nelson Industrial Estate, Cramlington, Northumberland, NE23 1WF

TEL: +44(0)1670 590099 FAX: +44(0)1670 898670

EMAIL: sales@restormate.co.uk

1.4 Emergency telephone number

Tel: 07966 386526

2. Hazards identification

2.1 Classification of the substance or mixture

Classification under CLP Regs.: Eye Irrit. 2 H319; Skin irrit. 2 H315

2.2 Label elements

Label elements under CLP:

Hazard pictograms: GHS07



Signal Word: Warning

Hazard Statements: H315: Causes skin irritation. H319: Causes serious eye irritation.

Precautionary statements : **PREVENTION:** Wear protective gloves, clothing and eye protection. Wash hands thoroughly after handling

RESPONSE: IF ON SKIN: Wash immediately with soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing. Immediately call a POISON CENTRE or doctor/physician. If skin irritation occurs: get medical advice/attention. Take off contaminated clothing and wash before reuse.

2.3 Other hazards

PBT: this material does not contain any substance identified as a PBT or vPvB substance

3. Composition/information on ingredients

3.1 Substances

3.2 Mixtures

Hazardous ingredients:

CAS	EINECS	Classification CLP	Conc. % w/w
Mineral acid salt of organic amide			
506-89-8	208-059-6	Met. Corr. 1 H290; Ac. Tox. 4 H302; Skin irrit. 2 H315; Eye dam. 1 H318; STOT SE3 H335	5-10
Etidronic acid (REACH Reg. No. 01-2119510391-53)			
2809-21-4	220-552-8	Acute tox.4 H302; Eye dam.1 H318	1-3

See section 16 for full text of H statements

SAFETY DATA SHEET

Restore Supreme Rinse

Date: NOV 2019

Page: 2 of 4

Revision:

4. First aid measures

4.1 Description of first aid measures

Eye contact: Flush with clean water for at least 15 minutes. Seek medical attention.

Skin contact: Remove at once all contaminated clothing. Wash area with soap and water. Seek medical advice if irritation persists.

Ingestion: DO NOT induce vomiting. Give milk or water to drink and seek immediate medical attention.

Inhalation: Remove from exposure, rest and keep warm. Seek medical attention if recovery is not rapid and complete.

4.2 Most important symptoms and effects both acute and delayed No further information available

4.3 Indication of any immediate medical attention and special treatment needed No further information available

5. Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

Product is not flammable although irritating fumes may be given off in the event of fire. Choice of extinguisher should be based on other surrounding materials. Keep containers cool with water spray.

Unsuitable agents:

5.2 Special hazards arising from the substance or mixture No further information available.

5.3 Advice for firefighters

Protective clothing and self-contained breathing apparatus should be worn.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Refer to section 8 for information on protective clothing.

6.2 Environmental precautions

Do not allow concentrate to enter drains or water courses. Uncontrolled discharge must be notified to the appropriate authority.

6.3 Methods and material for containment and cleaning up

Small spillages may be rinsed away with plenty of water. Larger spillages should be contained and absorbed in inert material. Transfer to plastic container for disposal.

6.4 Reference to other sections

Refer to section 13 for disposal.

7. Handling and storage

7.1 Precautions for safe handling

Avoid contact with eyes and skin.

7.2 Conditions for safe storage, including any incompatibilities

Store in original container, tightly closed in a cool place. Do not mix with other chemicals.

7.3 Specific end use

Cleaning and descaling as a replacement for corrosive acids.

8. Exposure controls/personal protection

8.1 Control parameters

Name	type	Long term	Short term
None			
DNEL Etidronic acid			
Exposure	Value	Population	Effect
Oral	13mg/kg/day	workers	Long term
Oral	13mg/kg/day	workers	Short term
Oral	6.5mg/kg/day	consumers	Short term

PNEC Etidronic acid: Fresh water 0.136mg/l; Marine water 0.0136mg/l; STP 20mg/l; Soil 96mg/kg

8.2 Exposure controls

Wear rubber or PVC gloves if skin contact is unavoidable. Wear eye protection to prevent liquid splashes if necessary. Avoid inhalation of spray mist.

SAFETY DATA SHEET

Restore Supreme Rinse

Date: NOV 2019

Page: 3 of 4

Revision:

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance: clear liquid,

Odour: bouquet

Density at 20°C: 1.04kg/ltr

Solubility: Completely soluble in water.

pH(1% solution): 2.3

Flash point: N/A

Boiling point/range:100°C approx

Oxidising: no

9.2 Other information

No further relevant information

10. Stability and reactivity

10.1 Reactivity

Not reactive under normal conditions. Decomposes at elevated temperatures (>110°C)

10.2 Chemical stability

Stable under normal conditions

10.3 Possibility of hazardous reactions

Hazardous reactions will not occur under normal conditions. See sect. 10.5

10.4 Conditions to avoid

Elevated temperatures.

10.5 Incompatible materials

Can react with products containing bleach with evolution of chlorine gas.

10.6 Hazardous decomposition products

Decomposition at high temperatures may produce irritating fumes.

11. Toxicological information

11.1 Information on toxicological effects.

Organic amide salt LD50: 1121mg/kg (oral, rat).

Etidronic acid LD50 3130mg/kg (oral, rat).

Eyes: Irritation, redness and watering.

Skin: Irritation, redness on prolonged or repeated contact.

Ingestion: Sore throat and mouth, abdominal pain, vomiting.

Inhalation (mist): Coughing, shortness of breath, irritation to membranes of nose and throat.

12. Ecological information

12.1 Toxicity

No information on the product itself.

Etidronic acid LC50 300mg/l (rainbow trout, 96h), EC50 878mg/l (Daphnia, 48h)

12.2 Persistence and degradability Readily biodegradable.

12.3 Bioaccumulative potential Will not bioaccumulate.

12.4 Mobility in soil Soluble in water.

12.5 Results of PBT and vPvB assessment

The product does not contain any ingredient identified as a PBT vPvB substance.

12.6 Other adverse effects

Uncontrolled discharge into surface waters may have adverse effects on aquatic organisms due to pH reduction.

13. Disposal considerations

13.1 Waste treatment methods

Comply with local regulations. Do not allow concentrate to enter water systems.

Packaging: Used packaging may be suitable for recycling after thorough cleaning with water.

SAFETY DATA SHEET

Restore Supreme Rinse

Date: NOV 2019
Revision: 2

Page: 4 of 4

14. Transport information

14.1 UN Number Not classified as hazardous for transport.

14.2 UN Proper shipping name

14.3 Transport hazard class(es)

14.4 Packing group

14.5 Environmental hazards

14.6 Special precautions for user

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for substance or mixture None.

15.2 Chemical safety assessment A chemical safety assessment has not been carried out for this product.

16. Other information

This safety data sheet has been prepared according to EU Commission Regulation 453/2010

The information supplied in this document is based on our present state of knowledge and is given in good faith. It is not intended and should not be construed as a specification or guarantee of specific properties. The responsibility remains with the user to comply with all relevant laws, regulations and directives, to make their own assessment of workplace risks and to determine the suitability of the product for a particular use or application.

The hazards information in this data sheet refers to the material as supplied and not to any subsequent dilution or mixture.

The full text of the H statements referred to in section 3 are shown below. These classifications apply to the ingredients, in their concentrated form, which contribute to the classification of the product or mixture.

H290: May be corrosive to metals.

H302: Harmful if swallowed.

H315: Cause skin irritation.

H318: Causes serious eye damage.

H335: May cause respiratory irritation.

Abbreviations and Acronyms

ADR	European Agreement concerning the International Carriage of Goods by Road
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CAS	Chemical Abstracts Service
CHIP	Chemicals (Hazard Information and Packaging) Regulations – Directives 1999/45.EC and 67/548/EC
CLP	Classification and Labelling of Chemicals – Regulation (EC) No. 1272/2008
CMR	Carcinogenic-mutagenic-toxic for reproduction
DNEL	Derived No Effect Level
EINECS	European Inventory of Existing Commercial Chemical Substances
GHS	Globally Harmonised System of Classification and Labelling of Chemicals
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
LC50	Lethal Concentration, 50%
LD50	Lethal Dose, 50%
NOEC	No Observed Effect Concentration
OEL	Occupational Exposure Limit
PBT	Persistent, Bioaccumulative, Toxic
PNEC	Predicted No Effect Concentration
vPvB	very Persistent, very Bioaccumulative
RID	Convention concerning International Carriage by Rail
WEL	Workplace Exposure Limit
VOC	Volatile Organic Compound

