



SUPER DEGREASER

500ML (READY TO USE)

PN: R2212

1. PRODUCT IDENTIFIER

Super Degreaser 500ml (Ready To Use)

1.1 Relevant uses: for car detailing professionals, easily removes toughest dirt and grime

1.2 Details of the supplier of the safety data sheet

Company: RHINOMOTIVE LTD - UK 71-75 SHELTON STREET, LONDON, UNITED KINGDOM

Emergency contact number +971 4 329 7775

Email: info@rhinomotive.com

1.3. Available Sizes:

- R1836 – 19L (Concentrate)
- R2212 – 500ml (Ready to Use)

2. HAZARDS IDENTIFICATION

Classification of the Substance

1) ACUTE TOXICITY: ORAL, SKIN, and INHALATION Category4.

or Mixture: 2) SKIN CORROSION/IRRITATION Category2.

3) EYE DAMAGE/EYE IRRITATION Category2

AGHS label elements:



Signal Word:

Warning

Hazard Statement:

1) H302 Harmful if swallowed.

2) H315 Causes skin irritation.

3) H319 Causes serious eye irritation

Precautionary Statements:

Prevention: P264 Wash hands thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves and eye protection

Response: P301 +P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P330 Rinse mouth. P302+P352 IF ON

SKIN: Wash with plenty of soap and water. P321 Use Moisturizing cream.

P332 + P313 If skin irritation occurs: Get medical attention. P362 Takeoff contaminated clothing and wash before reuse.

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.

Storage: Keep closed and away from children. Keep away from heat or flame.



SUPER DEGREASER

500ML (READY TO USE)

PN: R2212

3. COMPOSITION/INFORMATION ON INGREDIENTS:

Substance/Mixture: Mixture
Product Description: Degreaser

| Chemical Name: | CAS NUMBER | % IN PRODUCT |
|----------------------|------------|--------------|
| Sodium Hydroxide | 1310-73-2 | < 3 |
| EDTA - Biodegradable | 64-02-8 | < 3 |
| Sodium Metasilicate | 6834-92-0 | < 3 |
| Ethoxylated Alcohol | 68439-46-3 | 3 to 5 |
| Deionized Water | 7732-18-5 | 82 to 86 |

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Occupational exposure limits, if available, are listed in Section 8

4. FIRST AID MEASURES

Eye contact: Wash eyes immediately with large amounts of water.

Inhalation: Move person to fresh air at once. If breathing has stopped, get medical attention immediately.

Skin contact: Wash contacted areas with mild soap and water.

Ingestion: Do not induce vomiting. If person is conscious, give water. Get medical attention.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact: Can cause severe irritation, redness, tearing, and blurred vision.

Inhalation: Fine mist may cause irritation of the nose and throat.

Skin contact: Any contact can cause moderate irritation

Ingestion: Gastrointestinal irritation.

Over-exposure signs/Symptoms

Eye contact: Adverse symptoms may include the following: Irritation

Inhalation: Adverse symptoms may include the following: No significant effect

Skin contact: Adverse symptoms may include the following: Irritation

Ingestion: Adverse symptoms may include the following: Gastrointestinal irritation

Indications of immediate medical attention and special treatment needed, if necessary

Notes to physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled

Specific treatments: No specific treatment

Protection of first aiders: No action should be taken involving any suitable training.

Wash contaminated before removing it.

Special Hazard: Personal risk or without clothing thoroughly with water

5. FIRE FIGHTING MEASURES

Extinguishing Media

Regular Foam, Waterfog, Carbon Dioxide, or Dry Chemicals

Suitable extinguishing media

Unsuitable extinguishing media None known

Specific hazards arising from the chemical in a fire or if heated, a pressure increase will occur, and the container may burst.

Hazardous thermal decomposition products



SUPER DEGREASER

500ML (READY TO USE)

PN: R2212

Special protective

Actions for fire-fighters: If there is a fire, promptly isolate the scene by removing all persons from the vicinity of the incident.

Special protective equipment for fire-fighters should wear appropriate protective

Hazardous Decomposition: equipment and self-contained breathing apparatus (SCBA) with a full facepiece operated in positive pressure mode.

Special Fire Fighting Procedures: Oxides of carbon or traces of hydrocarbons may be formed in small amounts.

Unusual Fire / Explosion Hazards: Clear fire area of personnel. Do not enter a confined fire area without full bunker gear and positive pressure breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures

For non-emergency: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk-through spilled material. Shut off all ignition sources. No flares, smoking or flares in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also, the information in Section 8 for "For non-emergency personnel". Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air). Methods and materials for containment and cleaning up

Small: Stop leak if without risk. Move containers from the spill area.

Dilute with water and mop up if water-soluble.

Spill: Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment. Dispose via a licensed waste disposal contractor.

Large spill: Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, watercourses, basements, or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g., sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste contractor. The contaminated absorbent material may pose the same hazard

Use Gloves, Goggles, Boots and Breathing Mask. Small amounts do not need special measures Clean up with water. For large spills remove all sources of ignition. Ventilate area. Absorb with an inert absorbent material. Avoid runoff into drains and sewers. All used and the unused product should be disposed of in conformance with local, state, and federal regulations

7. HANDLING AND STORAGE

Precautions for safe handling

Put on appropriate protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Keep in the original container or an approved alternate made from a compatible material, keep tightly closed when not in use. Store and use away from heat, sparks, open flame, or any ignition source. Do not reuse containers. Wash thoroughly after use.

Conditions for safe storage:

Store in the original container protected from direct sunlight in a dry, cool, and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Do not store in an unlabeled container. Store materials tightly closed and away from sunlight, warm confined spaces, heat, and open flame. Never weld on or near containers either empty or full. Secure all chemicals out of the reach of children.



SUPER DEGREASER

500ML (READY TO USE)

PN: R2212

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control parameters

| Ingredient name | CAS # | PEL/OSHA | TLV-ACGIH |
|---------------------|------------|----------------|---------------------------------|
| Sodium Hydroxide | 1310-73-2 | 2mg/Cubic M | 2mg /Cubic EDTA - Biodegradable |
| | 64-02-8 | 50 ppm | 25 ppm |
| Sodium Metasilicate | 6834-92-0 | 3 Mg/Cubic M | 3 Mg/Cubic Ethoxylated Alcohol |
| | 68439-46-3 | Not Applicable | Not Applicable |
| Deionized Water | 7732-18-5 | Not Applicable | |

Occupational exposure limits

Appropriate engineering controls: No special ventilation requirements. Good general ventilation should be sufficient to control worker exposure to airborne contaminants

Individual protection measures

Hygiene Measures: Wash hands forearms and face thoroughly after handling chemical products

Eye/face protection: Wear chemical safety goggles

Skin protection: Avoid skin contact. Wear chemical resistant impermeable gloves

Respiratory protection: None

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid Specific Gravity: 1.02

Color: Dark red Vapor Pressure: <1 (low volatile)

Odor: Sour Volatile liquids that will evaporate over time 98 %

pH: 12 Vapor Density: >1 Fall in air

Boiling Point: >211 °F Solubility: 100%

Flashpoint: None Evaporation Rate: <=Water

Volatile Organic Compound (VOC) content for Consumer Products Applications Percent by weight: 0%

10. STABILITY AND REACTIVITY

Reactivity: No specific test data related to reactivity available for this product or its ingredients

Chemical stability: The product is stable

Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur. Conditions of instability: When exposed to high temperatures or sun ray's colors may fade and bottles may pan. Conditions to avoid: Hazardous decomposition Under normal conditions of storage and use, hazardous products: decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity Not classified

| | | | |
|--------------------|--------------------|--------------------------------------|--|
| Eyes Irritation | Skin Irritation | Inhalation No significant effects | Ingestion Gastrointestinal irritation |
|--------------------|--------------------|--------------------------------------|--|



SUPER DEGREASER

500ML (READY TO USE)

PN: R2212

MATERIAL SAFETY DATA SHEET

| | |
|--|---|
| Sensitizing | There is no data available |
| Mutagenicity | There is no data available |
| Carcinogenicity | There is no data available |
| Reproductive toxicity | There is no data available |
| Teratogenicity | There is no data available |
| Specific target organ toxicity (single exposure) | There is no data available |
| Specific target organ toxicity (repeated exposure) | There is no data available |
| Aspiration hazard | There is no data available |
| Delayed and immediate effects and chronic effects from short- and long-term exposure short term exposure | |
| Potential immediate effects | Not available |
| Potential delayed effects | Not available |
| Long term exposure | |
| Potential immediate effects | Not available |
| Potential delayed effects | Not available |
| Potential Chronic health effects | |
| General | Not known significant effects or critical hazards |
| Carcinogenicity | Not known significant effects or critical hazards |
| Mutagenicity | Not known significant effects or critical hazards |
| Teratogenicity | Not known significant effects or critical hazards |
| Developmental effects | Not known significant effects or critical hazards |
| Fertility effects | Not known significant effects or critical hazards |

12. ECOLOGICAL INFORMATION

| | |
|---|--|
| toxicity: | Not available |
| Persistence and degradability: | Not available |
| Bioaccumulate potential: | Not available |
| Mobility in soil: soil/water partition coefficient (Koc): | Not available |
| Other adverse effects: | No known significant effects or critical hazards |

13. DISPOSAL CONSIDERATION

The generation of waste should be avoided or minimized wherever possible. Significant quantities of waste product residues should not be disposed of via the sewer but processes in a suitable effluent treatment plant, Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should always comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. DO not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains, and sewers

14. TRANSPORT INFORMATION

| | |
|--|--|
| 14.1. Land transport [ADR/RID] | |
| UN number: | NO dangerous good in Sense Of this transport regulation. |
| UN proper shipping name: | NO dangerous good in Sense Of this transport regulation. |
| Transport hazard | NO dangerous good in Sense Of this transport regulation. |
| Packing group: | NO dangerous good in Sense Of this transport regulation. |
| 14.2. Inland waterways transport (ADN) | |
| UN number: | NO dangerous good in Sense Of this transport regulation. |
| UN name: | NO dangerous good in Sense Of this transport regulation. |
| Transport hazard class(es): | NO dangerous good in Sense Of this transport regulation. |
| Packing group: | NO dangerous good in Sense Of this transport regulation. |



SUPER DEGREASER 500ML (READY TO USE)

PN: R2212

| | |
|---|--|
| 14.3. Marine transport (I MDG) | |
| UN number: | NO dangerous good in Sense Of this transport regulation. |
| UN proper shipping name: | NO dangerous good in Sense Of this transport regulation. |
| Transport hazard class(es): | NO dangerous good in Sense Of this transport regulation. |
| Packing group: | NO dangerous good in Sense Of this transport regulation. |
| 14.4. Air transport (ICAO-TI/IATA-DGR) | |
| UN number: | NO dangerous good in Sense Of this transport regulation. |
| UN proper shipping name: | NO dangerous good in Sense Of this transport regulation. |
| Environmental hazards | NO dangerous good in Sense Of this transport regulation. |
| Special precautions for user | NO dangerous good in Sense Of this transport regulation. |
| Transport in bulk according to Annex II of Marol and the IBC Code | NO dangerous good in Sense Of this transport regulation. |

Additional information: Special precautions for use Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident

15. REGULATORY INFORMATION

Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs) Clean Air Act Section 602 Class I Substances
Clean Air Act Section 602 Class II Substances DEA List | Chemicals (Precursor Chemicals) DEA List II
Chemicals (Essential Chemicals)
SARA 302/304/311/312 extremely hazardous substances: SARA 302/304 emergency planning
and notification:
SARA 302/304/311/312 hazardous chemicals:
Not listed Not listed Not listed Not listed Not listed
Not applicable Not applicable
No products were found

16. OTHER INFORMATION

| | | | |
|---------------|-----------|----------------------|---|
| Version | 8/1/2019 | NFPA Ratings: Health | 1 |
| Date of issue | 8/20/2019 | Flammability | 0 |
| | | Reactivity | 0 |

**PRO
SERIES**

**USE IT AND SEE
THE DIFFERENCE**

