

RTS No. 6 Black Spot & Algae Remover

SAFETY DATA SHEET

SECTION 1

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

1.1. Product identifier

Product name: RTS No. 6

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

Use of substance / mixture: Patio Cleaner

1.3. Details of the supplier of the safety data sheet

Company name: RTS Chemicals

Daisy Dene, Inglewhite Road Goosnargh, Preston,
Lancashire, PR3 2EB United Kingdom

Tel: 01772 780873

Email: info@rtschemicals.co.uk

1.4. Emergency telephone number

Emergency tel: 07710 139048

SECTION 2

Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: Skin Corr. 1A: H314; Aquatic Acute 1: H400; -: EUH031

Most important
adverse effects:

Contact with acids liberates toxic gas. Causes severe
skin burns and eye damage. Very toxic to aquatic life.

2.2. Label elements

Label elements under CHIP:

Hazard symbols:

Precautionary statements:



DANGER

Danger

P102: Keep out of reach of children.

P103: Read label before use.

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P262: Do not get in eyes, on skin, or on clothing.

P264: Wash hands, forearms and face thoroughly after
handling.

P273: Avoid release to the environment.

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 .

P332+P313: If skin irritation occurs: Get medical advice/
attention.

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.

P337+P313: If eye irritation persists: Get medical advice/
attention.

P308+P313: IF exposed or concerned: Get medical advice/
attention.

P363: Wash contaminated clothing before reuse.

P405: Store locked up.

P501: Dispose of contents/container to hazardous or special
waste collection point, in accordance with local, regional,
national and/or international regulation.

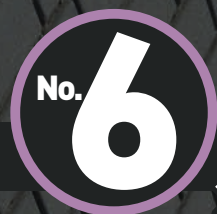
2.3. Other hazards

PBT:

This product is not identified as a PBT/vPvB substance.

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HIGH PERFORMANCE
**SURFACE
REVIVER**
BLACK SPOT & ALGAE REMOVER

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SECTION 3

Composition/information on ingredients

3.2. Mixtures

SODIUM HYPOCHLORITE SOLUTION CL ACTIVE

| EINECS | CAS | PBT / WEL | CLP Classification | Percent |
|-----------|-----------|-----------|--|---------|
| 231-668-3 | 7681-52-9 | - | Skin Corr. 1B: H314; Aquatic Acute 1: H400; -: EUH031 | 3-7% |

SECTION 4

First Aid Measures

4.1. Description of first aid measures

| | |
|---------------|---|
| Skin contact: | Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning. |
| Eye contact: | Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination. |
| Ingestion: | Wash out mouth with water. Do not induce vomiting. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible. |
| Inhalation: | Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available. Transfer to hospital as soon as possible. |

4.2. Most important symptoms and effects, both acute and delayed

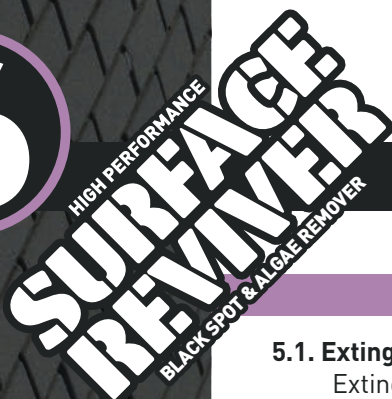
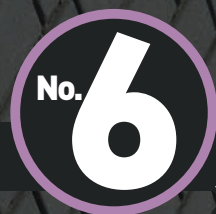
| | |
|------------------------------|---|
| Skin contact: | Blistering may occur. Progressive ulceration will occur if treatment is not immediate. |
| Eye contact: | Corneal burns may occur. May cause permanent damage. |
| Ingestion: | Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose. |
| Inhalation: | There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing. |
| Delayed / immediate effects: | Immediate effects can be expected after short-term exposure |

4.3. Indication of any immediate medical attention and special treatment needed

| | |
|--------------------------------|--|
| Immediate / special treatment: | Eye bathing equipment should be available on the premises. Show this safety data sheet to the doctor in attendance |
|--------------------------------|--|

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SECTION 5

Fire Fighting Measures

5.1. Extinguishing media

Extinguishing media:

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards:

Corrosive. In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters:

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes

SECTION 6

Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions:

Notify the police and fire brigade immediately. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions:

Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures:

Clean-up should be dealt with only by qualified personnel familiar with the specific substance. Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections:

Wear protective clothing as described in Section 8 of this safety data sheet. See Section 11 for additional information on health hazards. Collect and dispose of spillages as indicated in Section 13.

SECTION 7

Handling and storage

7.1. Precautions for safe handling

Handling requirements:

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions:

Store in a cool, well ventilated area. Keep container tightly closed.

Suitable packaging:

Must only be kept in original packaging.

7.3. Specific end use(s)

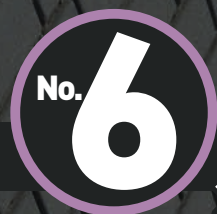
Specific end use(s):

Cleaner for the removal of contaminants from hard surfaces.

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SECTION 8

Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.
DNEL/PNEC Values: No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.
Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Impermeable gloves.
Eye protection: Ensure eye bath is to hand. Wear eye/face protection. Wear approved chemical safety goggles at all times. Ensuring they are tightly fitted.

Skin protection: Impermeable protective clothing.

SECTION 9

Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid
Colour: Colourless
Odour: Characteristic odour
Evaporation rate: Slow
Oxidising: No data available.
Solubility in water: Soluble
Viscosity: Non-viscous
Boiling point/range°C: 100
Melting point/range°C: No data available.
Flammability limits %: lower: No data available.
upper: No data available.

Flash point°C: →93
Part.coeff. n-octanol/water: No data available.
Autoflammability°C: No data available.
Vapour pressure: No data available.
Relative density: No data available.
pH: →11.5
VOC g/l: No data available.

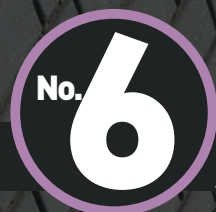
9.2. Other information

Other information: No data available.

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SECTION 10

Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

SECTION 11

Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

SODIUM HYPOCHLORITE SOLUTION...100% CL ACTIVE

| | | | | |
|-----|-----|------|------|-------|
| ORL | MUS | LD50 | 5800 | mg/kg |
|-----|-----|------|------|-------|

Relevant hazards for product:

| Hazard | Route | Basis |
|-------------------------------|-------|-----------------------|
| Skin corrosion/irritation | DRM | Hazardous: calculated |
| Serious eye damage/irritation | OPT | Hazardous: calculated |

Symptoms / routes of exposure

Skin contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Eye contact: Corneal burns may occur. May cause permanent damage.

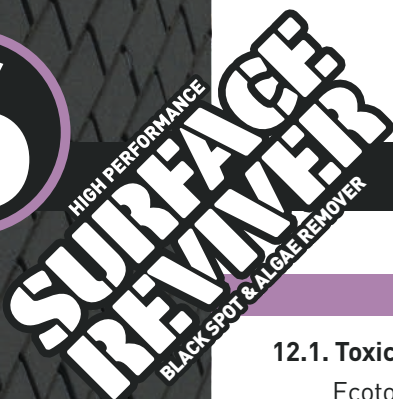
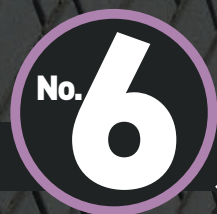
Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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SECTION 12

Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

SECTION 13

Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14

Transport information

14.1. UN number

UN number: UN1791

14.2. UN proper shipping name

Shipping name: HYPOCHLORITE SOLUTION

14.3. Transport hazard class(es)

Transport class: 8

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

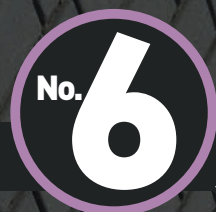
Tunnel code: E

Transport category: 3

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SECTION 15

Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Specific regulations: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

SECTION 16

Other information

Phrases used in s.2 and s.3:

| | |
|---------|--|
| EUH031: | Contact with acids liberates toxic gas. |
| H314: | Causes severe skin burns and eye damage. |
| H400: | Very toxic to aquatic life. |

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This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

