SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Product Name: Wonderspray

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

- Use of the substance/mixture: High performance multi-purpose cleaner
- Use advised against: No information available

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Safe Products Ltd
- Address of Supplier: Signal House
  Station Road
  Uppingham
  Rutland
  LE15 9TX
  UK
- Telephone: 01780 721460
- Email: sales@safeproductsltd.co.uk

1.4 Emergency telephone number

- Emergency Telephone: 01780 721460 between 08:30 and 17:00 Monday to Thursday,
  08:30 and16:30 Friday
  07929 453481 any other time

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]: Not Classified
- Additional information: For full text of Hazard- and EU Hazard-statements: see section 16

2.2 Label elements

- Hazard pictograms: None
- Signal Word: None
- Hazard statements
  None
- Precautionary statements
  None
- Supplemental Hazard information (EU)
  EUH208 - Contains tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione and reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.
  Label requirements for the Detergents Regulation (EC 684/2004, 907/2006): contains < 5% cationic surfactants, non-ionic surfactants. Contains tetramethylolglycoluril, benzisothiazolinone, methylchloroisothiazolinone & methylisothiazolinone.

2.3 Other hazards

- Not a PBT according to REACH Annex XIII
- Not a vPvB according to REACH Annex XIII
- Does not contain any substances with endocrine disrupting properties

SECTION 3: Composition/information on ingredients

3.1 Substances

- Not applicable

3.2 Mixtures

- Contains the following hazardous ingredients or ingredients with a workplace exposure limit:

Chemical Name	Conc.	CAS No.	EC No.	Classification (REGULATION (EC) No 1272/2008) [CLP/GHS]	SCL/ M-Factor/ ATE	REACH Registration Number	WEL/ OEL
Tetrahydro-1,3,4,6-tetrakis (hydroxymethyl)imidazo [4,5-d]imidazole-2,5(1H,3H)-dione	< 1%	5395-50-6	226-408-0	Skin Sens. 1B, H317	-	01-2120764691 -48-XXXX	No
Reaction mass of 5-chloro-2-methyl -2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	< 0.0015%	55965-84-9	611-341-5	Acute Tox. 3, H301 Acute Tox. 2, H310 Acute Tox. 2, H330 Skin Corr. 1C, H314 Skin Sens. 1A, H317 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 EUH071	Eye Dam. 1: C ≥ ,6 % Eye Irrit. 2 H319: ,06 % ≤ C < ,6 % Skin Corr. 1C: C ≥ ,6 % Skin Irrit. 2 H315: ,06 % ≤ C < ,6 % Skin Sens. 1A: C ≥ ,0015 % M = 100 M(Chronic) = 100	-	No

SECTION 4: First aid measures

4.1 Description of first aid measures

- Contact with eyes
  If substance has got into eyes, immediately wash out with plenty of water for several minutes
  Irrigate eyes thoroughly whilst lifting eyelids
  Remove contact lenses, if present and easy to do. Continue rinsing.
  If eye irritation persists: Get medical advice/attention.

- Contact with skin
  Take off contaminated clothing and wash it before reuse.
  Wash affected area with plenty of soap and water
  If skin irritation or rash occurs: Get medical advice/attention.

- Ingestion
  Rinse mouth with water (do not swallow)
  Give 200-300mls (half pint) water to drink
  Do not induce vomiting unless directed by medical personnel.
  Get medical advice/attention.

- Inhalation
  If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
  Keep warm and at rest, in a half upright position. Loosen clothing
  IF exposed or concerned: Get medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

- Contact with eyes
  May cause redness and irritation

- Contact with skin
  May cause redness and irritation

SECTION 4: First aid measures (....)

May cause allergic reaction in susceptible people

- Ingestion
  Can cause soreness and redness of the mouth and throat.
  May cause nausea/vomiting
  May cause gastro-intestinal disturbances

- Inhalation
  May cause respiratory irritation

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media: Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
- Unsuitable extinguishing media: No information available

5.2 Special hazards arising from the substance or mixture

- In a fire or if heated, a pressure increase will occur and the container may burst
- Decomposition products may include carbon oxides

5.3 Advice for firefighters

- Collect contaminated fire extinguishing water separately. This MUST not be discharged into drains. Prevent fire extinguishing water from contaminating surface or ground water.
- Keep container(s) exposed to fire cool, by spraying with water
- Special protective equipment: Wear self-contained breathing apparatus (SCBA). Wear full protective clothing including chemical protection suit.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Rescuers should take suitable precautions to avoid becoming casualties themselves
- Only trained and authorised personnel should carry out emergency response
- Personal precautions for non-emergency personnel: Do not touch or walk through spilt material; Avoid contact with skin and eyes
- Personal precautions for emergency responders: Wear protective clothing as per section 8; Wash thoroughly after dealing with spillage

6.2 Environmental precautions

- Avoid release to the environment.
- Do not allow to enter public sewers and watercourses

6.3 Methods and material for containment and cleaning up

- Stop leak if safe to do so.

- Small spills
  Wipe up spillage with damp absorbent cloth or towel

- Large spills
  Contain the spillage using bunding
  Absorb spillage in inert material and shovel up
  Place in appropriate container
  Seal containers and label them
  Remove contaminated material to safe location for subsequent disposal
  Dispose of contents/container to an authorised waste collection point

SECTION 6: Accidental release measures (....)

6.4 Reference to other sections

- See section(s): 7, 8 &13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product.
- Do not eat, drink or smoke when using this product.
- Ensure adequate ventilation
- Do not breathe spray/mists
- Wear protective clothing as per section 8
- Wash thoroughly after handling.
- Contaminated clothing should be laundered before reuse

7.2 Conditions for safe storage, including any incompatibilities

- Keep away from food, drink and animal feedingstuffs
- Keep only in the original container
- Keep container tightly closed, in a cool, well ventilated place
- Opened containers should be carefully resealed and stored in an upright position
- Incompatible with acid
- Incompatible with strong oxidizing substances

7.3 Specific end use(s)

- Cleaning agent

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.
  Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace exposure - Measurement of exposure by inhalation to chemical agents - Strategy for testing compliance with occupational exposure limit values). European Standard EN 14042 (Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents). European Standard EN 482 (Workplace exposure. General requirements for the performance of procedures for the measurement of chemical agents). Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

- Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo[4,5-d]imidazole-2,5(1H,3H)-dione
  No exposure limits have been set for this substance

- Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)
  DNEL (inhalational) 20 µg/m³ Industry, Long Term, Local Effects
  DNEL (inhalational) 40 µg/m³ Industry, Acute/Short Term, Local Effects
  DNEL (inhalational) 20 µg/m³ Industry, Long Term, Local Effects
  DNEL (inhalational) 40 µg/m³ Industry, Acute/Short Term, Local Effects
  DNEL (oral) 90 µg/kg (bw/day) Consumer, Long Term, Systemic Effects
  DNEL (oral) 110 µg/kg (bw/day) Consumer, Acute/Short Term, Systemic Effects
  PNEC aqua (freshwater) 3.39 µg/L
  PNEC aqua (intermittent releases, freshwater) 3.39 µg/L
  PNEC aqua (marine water) 3.39 µg/L
  PNEC aqua (intermittent releases, marine water) 3.39 µg/L
  PNEC (STP) 230 µg/L
  PNEC sediment (freshwater) 27 µg/kg
  PNEC sediment (marine water) 27 µg/kg

SECTION 8: Exposure controls/personal protection (....)

PNEC terrestrial (soil) 10 µg/kg

8.2 Exposure controls

- Selection and use of personal protective equipment should be based on a risk assessment of exposure potential
- Engineering controls
  Ensure adequate ventilation
- Respiratory protection
  No respiratory protection is needed during normal handling
  Respiratory protection may be required under exceptional circumstances when excessive air contamination exists
  Where a reusable half mask respirator is required, use EN 140, with gas/vapour filter EN 14387 type ABEK, or EN 405; EN 1827
- Eye/face protection
  Wear safety glasses approved to standard EN 166.
- Skin protection
  Wear suitable protective clothing
  Wear protective gloves. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and standard EN 374.
  PVC or nitrile rubber are recommended
  The selection of a suitable glove depends on work conditions and whether the product is present on its own or in combination with other substances. Breakthrough time is dependent on the characteristics of the brand of glove used and the supplier should be consulted.
- Hygiene measures
  Use good personal hygiene practices
  Do not eat, drink or smoke when using this product.
  Wash thoroughly after handling.
  Contaminated clothing should be laundered before reuse
- Environmental exposure controls
  Do not allow to enter public sewers and watercourses
  Do not allow to penetrate the ground/soil.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Physical state: Liquid
- Colour: Amber
- Odour: No information available
- Melting point/freezing point: No information available
- Boiling point or initial boiling point and boiling range: > 100 °C
- Flammability: Not flammable
- Lower and upper explosion limit: Not applicable
- Flash point: Not applicable
- Auto-ignition temperature: No information available
- Decomposition temperature: No information available
- pH: Approx. 7
- Kinematic viscosity: 6 mm²/s @ 20°C
- Solubility: Soluble in water

SECTION 9: Physical and chemical properties (....)

- Partition coefficient n-octanol/water (log value): No information available
- Vapour pressure: 3 kPa @ 20 °C
- Density and/or relative density: 1.27 @ 20 °C
- Relative vapour density: > 1
- Particle characteristics: Not applicable

9.2 Other information

- No information available

SECTION 10: Stability and reactivity

10.1 Reactivity

- No information available

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Keep away from heat
- Keep away from direct sunlight

10.5 Incompatible materials

- Incompatible with acid
- Incompatible with strong oxidizing substances

10.6 Hazardous decomposition products

- Decomposition products may include carbon oxides

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

- Acute Toxicity
  Based on available data, the classification criteria are not met

Substances

Chemical Name	**LD_{50} (oral, rat)**	**LC_{50} (inhalation,rat)**	**LD_{50} (dermal, rabbit)**
Tetrahydro-1,3,4,6-tetrakis (hydroxymethyl)imidazo [4,5-d]imidazole-2,5(1H,3H)-dione	5 000 mg/kg	No data available	> 2 000 mg/kg
Reaction mass of 5-chloro-2-methyl -2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	64 - 561 mg/kg	(4 h) 171 - 2 360 mg/m³	87.12 - 660 mg/kg

- Skin corrosion/irritation
  Based on available data, the classification criteria are not met
- Serious eye damage/irritation
  Based on available data, the classification criteria are not met

SECTION 11: Toxicological information (....)

- Respiratory or skin sensitisation
  This mixture is not classified as sensitising but contains at least one substance classified as sensitising and present in a concentration that may trigger an allergic reaction

- Germ cell mutagenicity
  No evidence of mutagenic effects

- Carcinogenicity
  No evidence of carcinogenic effects

Substances

Chemical Name	NOAEL (oral, rat)	NOAEC (inhalation, rat)	NOAEL (dermal, rat)
Tetrahydro-1,3,4,6-tetrakis (hydroxymethyl)imidazo [4,5-d]imidazole-2,5(1H,3H)-dione	No data available	No data available	No data available
Reaction mass of 5-chloro-2-methyl -2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	17.2 mg/kg bw/day	No data available	No data available

- Reproductive toxicity
  No evidence of reproductive effects

Substances

Chemical Name	NOAEL (oral, rat)	NOAEC (inhalation, rat)	NOAEL (dermal, rat)
Tetrahydro-1,3,4,6-tetrakis (hydroxymethyl)imidazo [4,5-d]imidazole-2,5(1H,3H)-dione	No data available	No data available	No data available
Reaction mass of 5-chloro-2-methyl -2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	22.7 mg/kg bw/day (Effect on fertility) 100 mg/kg bw/day (Effect on developmental toxicity)	No data available	No data available

- Specific target organ toxicity (STOT) - single exposure
  Based on available data, the classification criteria are not met

- Specific target organ toxicity (STOT) - repeated exposure
  Based on available data, the classification criteria are not met

Substances

Chemical Name	NOAEL (oral, rat)	NOAEC (inhalation, rat)	NOAEL (dermal, rat)
Tetrahydro-1,3,4,6-tetrakis (hydroxymethyl)imidazo [4,5-d]imidazole-2,5(1H,3H)-dione	1 000 mg/kg bw/day	No data available	No data available
Reaction mass of 5-chloro-2-methyl -2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1	16.3 - 24.7 mg/kg bw/day	2.36 mg/m³	0.105 - 2.625 mg/kg bw/day

SECTION 11: Toxicological information (....)

- Aspiration hazard
  Based on available data, the classification criteria are not met
- Contact with eyes
  May cause redness and irritation
- Contact with skin
  May cause redness and irritation
  May cause allergic reaction in susceptible people
- Ingestion
  Can cause soreness and redness of the mouth and throat.
  May cause nausea/vomiting
  May cause gastro-intestinal disturbances
- Inhalation
  May cause respiratory irritation

11.2 Information on other hazards

- Does not contain any substances with endocrine disrupting properties

SECTION 12: Ecological information

12.1 Toxicity

- Based on available data, the classification criteria are not met

Substances

Chemical Name	LC_{50} (fish)	EC_{50} (aquatic invertebrates)	EC_{50} (aquatic algae)
Tetrahydro-1,3,4,6-tetrakis (hydroxymethyl)imidazo [4,5-d]imidazole-2,5(1H,3H)-dione	No data available	(48 h) 38.9 mg/L	(72 h) 3.85 mg/L
Reaction mass of 5-chloro-2-methyl -2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	(4 days) 190 - 300 µg/L	(48 h) 7 - 160 µg/L	(72 h) 6.3 - 27.3 µg/L

12.2 Persistence and degradability

- The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3 Bioaccumulative potential

- Bioaccumulation is not expected

12.4 Mobility in soil

- No information available

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII
- Not a vPvB according to REACH Annex XIII

12.6 Endocrine disrupting properties

- No information available

12.7 Other adverse effects

SECTION 12: Ecological information (....)

- No information available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- Dispose of contents/container to an authorised waste collection point

13.2 Classification

- The waste must be identified according to the List of Wastes (2000/532/EC)
- Hazardous Property Code(s): None assigned

SECTION 14: Transport information

Not classified as hazardous for transport

14.1 UN number or ID number

- UN No.: Not applicable

14.2 UN proper shipping name

- Proper Shipping Name: Not applicable

14.3 Transport hazard class(es)

- Hazard Class: Not applicable

14.4 Packing group

- Packing Group: Not applicable

14.5 Environmental hazards

- Not applicable

14.6 Special precautions for user

- No special precautions are required for this product

14.7 Maritime transport in bulk according to IMO instruments

- Not applicable

14.8 Road/Rail (ADR/RID)

- Proper Shipping Name: Not applicable
- ADR UN No.: Not applicable
- ADR Hazard Class: Not applicable
- ADR Packing Group: Not applicable
- Tunnel Code: Not applicable

14.9 Sea (IMDG)

- Proper Shipping Name: Not applicable
- IMDG UN No.: Not applicable
- IMDG Hazard Class: Not applicable
- IMDG Pack Group.: Not applicable

14.10 Air (ICAO/IATA)

- Proper Shipping Name: Not applicable
- ICAO UN No.: Not applicable
- ICAO Hazard Class: Not applicable

SECTION 14: Transport information (....)

- ICAO Packing Group: Not applicable

SECTION 15: Regulatory information

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

- This safety data sheet is provided in compliance with REACH Regulation (EC) No 1907/2006 (as amended by Regulation (EU) 2020/878) and UK REACH
- The GB Classification, Labelling and Packaging Regulation (GB CLP) applies in Great Britain
- Regulation (EC) No. 1272/2008 on the classification, labelling and packaging of substances and mixtures (CLP Regulation) applies in Europe
- Label requirements for the Detergents Regulation (EC 684/2004, 907/2006): contains < 5% cationic surfactants, non-ionic surfactants. Contains tetramethylolglycoluril, benzisothiazolinone, methylchloroisothiazolinone & methylisothiazolinone

15.2 Chemical safety assessment

- No information available

SECTION 16: Other information

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

Sources of data: Information from published literature and supplier safety data sheets

Revision No. 3.0.0. Revised December 2018.
Changes made: Revison and re-issue of SDS

Revision No. 4.0.0. Revised March 2021.
Changes made: Revised to conform to latest version of REACH Annex II

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

- Not classified based on calculation and concentration thresholds

Text not given with phrase codes where they are used elsewhere in this safety data sheet:

- H301: Toxic if swallowed
- H310: Fatal in contact with skin
- H330: Fatal if inhaled.
- H314: Causes severe skin burns and eye damage
- H317: May cause an allergic skin reaction.
- H318: Causes serious eye damage
- H400: Very toxic to aquatic life
- H410: Very toxic to aquatic life with long lasting effects
- EUH071: Corrosive to the respiratory tract

Acronyms

- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstracts Service
- DNEL: Derived No-Effect Level
- EC: European Community
- EC_{50}: Effective Concentration, 50%
- GHS: Globally Harmonised System
- LC_{50}: Lethal Concentration, 50%
- LD_{50}: Lethal Dose, 50%

SECTION 16: Other information (....)

- NOAEC: No observed adverse effect concentration
- NOAEL: No observed adverse effect level
- OEL: Occupational Exposure Limit
- PBT: Persistent, Bioaccumulative and Toxic
- PNEC: Predicted No-Effect Concentration
- REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals
- SCL: Specific Concentration Limit
- STOT RE: Specific Target Organ Toxicity Repeated Exposure
- STOT SE: Specific Target Organ Toxicity Single Exposure
- vPvB: very Persistent and very Bioaccumulative
- WEL: Workplace Exposure Limit

--- end of safety datasheet ---