

## SAFETY DATA SHEET

### White Brite

#### SECTION 1: IDENTIFICATION OF THE DANGEROUS SUBSTANCE/PREPARATION AND THE IDENTITY OF THE MANUFACTURER, IMPORTER, AGENT OR MARKETER

##### 1.1 Product Identifier

Product Name White Brite

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

Identified uses Laundry Whitener and Rust Stain Remover.

##### 1.3 Details of the supplier of the safety data sheet

Manufacturer Summit Brands, Pro Products, & Summit Outdoors  
6714 Pointe Inverness Way, Suite 200  
Fort Wayne, IN  
46804-7935

Supplier Jack Jacobi & Sons Ltd.  
29 Eyal Str. Kiryat Arie  
Petah-Tikva 49511  
Israel

e-mail address of person responsible for this SDS office\_g@inter.net.il

1.4 Emergency Telephone Number CHEMTREC, U.S. : 1-800-424-9300 International: +1-703-527-3887

#### SECTION 2: IDENTIFICATION OF THE COMPONENTS OF THE SUBSTANCE/PREPARATION

##### 2.2 Mixture

Product/ingredient name	Identifiers	%	Classification	
			67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]
Sodium dithionite	EC: 231-890-0 CAS: 7775-14-6 Index: 016-028-00-1	25 - <35	R7 Xn; R22 R31	Self-heat. 1, H251 Acute Tox. 3, H301 Acute Tox. 4, H302
Sodium carbonate	EC: 207-838-8 CAS: 497-19-8 Index: 011-005-00-2	10 - <20	Xi; R36	Eye Irrit. 2, H319
Sodium metabisulphite	EC: 231-673-0 CAS: 7681-57-4 Index: 016-063-00-2	10 - <20	Xn; R22 Xi; R41 R31	Acute Tox. 4, H302 Eye Dam. 1, H318
Citric acid	EC: 201-069-1 CAS: 77-92-9	1 - <5	Xi; R36	Eye Irrit. 2, H319
Sodium dodecylbenzenesulfonate	EC: 246-680-4 CAS: 25155-30-0	0.1 - <1	T+; R26 Xn; R22 Xi; R36/38	Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Irrit. 2, H315 Eye Dam. 1, H318

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				Eye Irrit. 2, H319
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See section 16 for full text of Hazard Statements.

### SECTION 3: DANGERS OF THE DANGEROUS SUBSTANCE/PREPARATION

#### 3.1 Classification of the substance or mixture

**Product definition**

Mixture

**Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]**

Acute Tox. 4, H302

Skin Irrit.2, H315

Eye Dam. 1, H318

Aquatic Chronic 3, H412

**Classification according to Directive 1999/45/EC [DPD]**

The product is classified as dangerous according to Directive 1999/45/EC and its amendments.

**Classification**

Xn; R20/22

Xi; R41

**Human health hazards**

Harmful by inhalation and if swallowed. Risk of serious damage to eyes.

See Section 16 for the full text of the R phrases or H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

#### 3.2 Label elements

**Hazard pictograms**



**Signal Word**

Danger

**Hazard statements**

H302

Harmful if swallowed.

H318

Causes serious eye damage.

H315

Causes skin irritation.

H412

Harmful to aquatic life with long lasting effects.

**Precautionary statements**

**Prevention**

P102

Keep out of the reach of children.

P280

Wear eye or face protection.

P270

Do not eat, drink or smoke when using this product.

P264

Wash hands thoroughly after handling.

**Response**

P301 +

IF SWALLOWED: Call a POISON CENTRE or physician if you feel unwell.

P312

P305 +

IF IN EYES: Immediately call a POISON CENTRE or physician.

P310

Not applicable.

**Storage**

**Disposal**

P501

Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Hazard symbol or symbols**



**Indication of danger**

Harmful

**Risk phrases**

R20/22

Harmful by inhalation and if swallowed.

R41

Risk of serious damage to eyes.

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### Safety phrases

- S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S39 Wear eye/face protection.

### Hazardous ingredients

Sodium dithionite  
Sodium dodecylbenzenesulfonate

### Supplemental label elements

Not applicable.

### Annex XVII – Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Not applicable.

### Special packaging requirements

### Containers to be fitted with child-resistant fastenings

Not applicable.

### Tactile warning of danger

Not applicable.

## 3.3 Other hazards

### Other hazards which do not result in classification

None known.

No other components are present which, as far as known to the provider and in the relevant concentrations, are rated as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit, and therefore require reporting in this chapter.

## SECTION 4: FIRST AID INSTRUCTIONS

### 4.1 Description of first aid measures

#### Eye contact

Get immediate medical attention. Rinse your eyes immediately with plenty of water, sometimes lifting the upper and lower eyelids. Check for contact lenses and remove them. Continue washing for at least 20 minutes. Chemical burns should be treated quickly by a physician.

#### Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.

#### Skin contact

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

#### Ingestion

Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway.

### Protection of first-aiders

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

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

Eye contact	Severely irritating to eyes. Risk of serious damage to eyes.
Inhalation	Harmful by inhalation. Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.
Skin contact	No known significant effects or critical hazards.
Ingestion	Harmful if swallowed.

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

Notes to physician	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	No specific treatment.

## SECTION 5: FIRE FIGHTING PROCEDURE

### 5.1 Extinguishing media

Suitable extinguishing media:	Use dry chemical powder.
Unsuitable extinguishing media:	Do not use water jet or water-based fire extinguishers.

### 5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture:	Fine dust clouds may form explosive mixtures with air.
Hazardous thermal decomposition products:	Decomposition products may include the following materials: carbon dioxide carbon monoxide Sulfur oxides halogenated compounds metal oxide/oxides

### 5.3 Advice for fire fighters

Special protective actions for fire-fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Measures to protect firefighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

## SECTION 6: SAFETY PRECAUTIONS

### 6.1 Personal precautions, Protective equipment and emergency procedures

For non-emergency personnel	Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also Section 8 for additional information on hygiene measures.

### 6.2 Environmental precautions

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the

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product has caused environmental pollution (sewers, waterways, soil or air).

### 6.3 Methods and materials for containment and clean-up

#### Small Spills:

Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilt material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

#### Large Spills:

Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Avoid creating dusty conditions and prevent wind dispersal. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor.

### 6.4 Reference to other sections

See Section 1 for emergency contact information.

See Section 8 for information on appropriate personal protective equipment.

See Section 13 for additional waste treatment information.

## SECTION 7: HANDLING AND STORAGE

### 7.1 Precautions for Safe handling

#### Protective measures

Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.

#### Advice on general occupational hygiene

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in a segregated and approved area. Store in 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. Eliminate all ignition sources. Separate from oxidising materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and

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kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental Contamination.

### 7.3 Specific end use(s)

#### Recommendations

Industrial sector specific :  
solutions

Not available.

Not available.

## SECTION 8: MEASURES TO REDUCE EXPOSURE AND PERSONAL PROTECTION

### 8.1 Control parameters

#### Occupational exposure limits

Product/ingredient name	Exposure limit values
Sodium metabisulphite	<b>EH40/2005 WELs (United Kingdom (UK), 1/2012).</b> TWA: 5 mg/m <sup>3</sup> 8 hours.

#### DNELs/DMELs

No DNELs/DMELs available.

#### PNECs

No PNECs available.

### 8.2 Exposure controls

#### Appropriate engineering controls

Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

#### Individual protection measures

##### Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation location.

##### Eye/face protection

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles. If operating conditions cause high dust concentrations to be produced, use dust goggles.

##### Skin protection

##### Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

##### Body protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

##### Other skin protection

Appropriate footwear and any additional skin protection

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### Respiratory protection

measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

### Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Appearance	
Physical state	Solid. [Powder]
Colour	White.
Odour	Characteristic.
Odour Threshold	Not available.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.
Flash point(°C)	Not available.
Evaporation rate	Not available.
Flammability (Solid, gas)	Not available.
Upper/Lower flammability or explosive	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	Not available.
Solubility (ies)	Not available.
Partition coefficient: n-octanol/water	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Explosive properties	Not available.
Oxidising properties	Not available.
9.2 Other information	No additional information.

## SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	This product may react with strong alkalis.
10.2 Chemical stability	The product is stable.
10.3 Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	Do not mix with other chemicals.
10.5 Incompatible materials	Reactive or incompatible with the following materials: oxidising materials, acids and alkalis.
10.6 Hazardous decomposition products	Under normal conditions of storage and use, hazardous

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decomposition products should not be produced.

### SECTION 11: TOXICOLOGICAL INFORMATION

#### 11.1 Information on toxicological effects

##### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Sodium dithionite	LD50 Oral	Rat	250 mg/kg	-
Sodium chloride	LD50 Oral	Rat	3000 mg/kg	-
Sodium carbonate	LD50 Oral	Rat	4090 mg/kg	-
Sodium metabisulphite	LD50 Oral	Rat	1131 mg/kg	-
Citric acid	LD50 Oral	Rat	3 g/kg	-
Sodium dodecylbenzenesulfonate	LC50	Rat	310 mg/m <sup>3</sup>	4 hours
	Inhalation Vapour			
	LD50 Oral	Rat	438 mg/kg	-

##### Acute toxicity estimates

Route	ATE value
Oral	706.2 mg/kg

**Sensitisation** No data available.

**Carcinogenicity** No data available.

**Specific target organ toxicity (single exposure)** No data available.

**Specific target organ toxicity (repeated exposure)** No data available.

**Aspiration hazard** No data available.

##### Information on the likely routes of exposure

**Eye contact** Severely irritating to eyes. Risk of serious damage to eyes.

**Inhalation** Harmful by inhalation. Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.

**Skin contact** No known significant effects or critical hazards.

**Ingestion** Harmful if swallowed.

### SECTION 12: ENVIRONMENTAL INFORMATION

#### 12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
Sodium dithionite	Acute EC50 120 mg/L	Algae	72 hours
	Acute LC50 87 mg/L	Algae	96 hours
	Acute EC50 98 mg/L	Daphnia	48 hours
	Acute LC50 46 to 48 mg/L	Fish	96 hours
	Acute NOEC 10 to 100 mg/L	Fish	48 hours
	Chronic NOEC >10 mg/L	Daphnia	21 days
Sodium chloride	Acute EC50 2430000 µg/L Fresh water	Algae - Navicula seminulum	96 hours



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	Acute EC50 402600 µg/L Fresh water Acute LC50 1042 mg/L Fresh water Acute LC50 1000000 µg/L Fresh water Chronic NOEC 0.314 g/L Fresh water Chronic NOEC 100 mg/L Fresh water	Daphnia - Daphnia magna Crustaceans - Ceriodaphnia dubia Fish - Morone saxatilis – Larvae Daphnia - Daphnia pulex Fish - Gambusia holbrooki - Adult	48 hours 48 hours 96 hours 21 days 8 weeks
Sodium carbonate	Acute EC50 242000 µg/L Fresh water Acute LC50 176000 µg/L Fresh water Acute LC50 265000 µg/L Fresh water Acute LC50 300000 µg/L Fresh water	Algae - Navicula seminulum Crustaceans – Amphipoda Daphnia - Daphnia magna Fish - Lepomis macrochirus	96 hours 48 hours 48 hours 96 hours
Sodium metabisulphite	Acute LC50 32 mg/L Fresh water	Fish - Lepomis macrochirus	96 hours
Citric acid	Acute LC50 160000 µg/L Marine water	Crustaceans - Carcinus maenas - Adult	48 hours
Sodium dodecylbenzenesulfonate	Acute EC50 29000 µg/L Fresh water Acute EC50 7.81 mg/L Fresh water Acute EC50 5.88 ppm Fresh water Acute IC50 112.4 mg/L  Acute LC50 1.18 ppm Fresh water	Algae - Chlorella pyrenoidosa - Exponential growth phase Crustaceans - Ceriodaphnia dubia - Neonate Daphnia - Daphnia magna Algae - Pseudokirchneriella subcapitata - Exponential growth phase Fish - Lepomis macrochirus	96 hours 48 hours 48 hours 72 hours 96 hours

**12.2 Persistence and degradability** No data available.

**12.3 Bioaccumulative potential**

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
Sodium dithionite	-2.75 to -4.7	-	low
Sodium metabisulphite	-3.7	-	low
Citric acid	52.5	-	high
Sodium dodecylbenzenesulfonate	1.96	-	low

**12.4 Mobility in soil** Not available.

**12.5 Results of PBT and vPvB assessment** Not applicable.

**12.6 Other adverse effects** No known significant effects or critical hazards.

## SECTION 13: DANGEROUS SUBSTANCE DISPOSAL METHODS

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

**13.1 Waste treatment methods** The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products

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should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

### SECTION 14: TRANSPORT INFORMATION

	IATA	IMDG	ADN	ADR/RID
14.1 UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-	-
14.3 Transport hazard class(es)	-	-	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No	No	No	No
Additional information	-	-	-	-
14.6 Special precautions for user	<b>Transport within user's premises:</b> 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 or spillage.			
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not available.			

### SECTION 15: REGULATORY INFORMATION

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture  
EU Regulation (EC) No. 1907/2006 (REACH)  
Annex XIV - List of substances subject to authorisation  
Annex XIV

None of the components are listed.

#### Substances of very high concern

None of the components are listed.

#### Annex XVII – Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Not applicable.

#### Other EU regulations

Europe inventory: Not determined.

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### Seveso II Directive

This product is controlled under the Seveso II Directive.

### International regulations

#### Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

#### Montreal Protocol (Annexes A, B, C, E)

Not listed.

#### Stockholm Convention on Persistent Organic Pollutants

Not listed.

#### Rotterdam Convention on Prior Inform Consent (PIC)

Not listed.

#### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

### 15.2 Chemical Safety Assessment

This product contains substances for which Chemical Safety Assessments are still required.

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## SECTION 16: OTHER INFORMATION

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Revision Date	20 November 2019
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<b>Abbreviations and acronyms</b>	
ATE	Acute Toxicity Estimate
CLP	Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
DMEL	Derived Minimal Effect Level
DNEL	Derived No Effect Level
EUH Statement	CLP-specific Hazard statement
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No Effect Concentration
RRN	REACH Registration Number
VPvB	Very Persistent and Very Bioaccumulative

### Disclaimer

The data contained in this material safety data sheet was obtained from sources that were technically accurate, reliable and state of the art when this document was prepared. If data was unavailable to complete certain sections, the absence of that data is identified in this document. Because the supplier cannot know the exact circumstances during actual use of this product, other hazards, exposure scenarios, disposal considerations, and regulations may apply and it is the responsibility of the user to read and understand the product label and this document before use. Do not use the product for purposes other than those stated in Section 1.