SAFETY DATA SHEET

DIP IT PLUS

Section: 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : DIP IT PLUS
Other means of identification : Not applicable.
Recommended use : Cleaning product
Product dilution information : 1.0 % - 1.0 %
UP TO 1% IN WATER
Company : ECOLAB PTY LTD
2 Drake Avenue
Macquarie Park, NSW Australia 2113
1 800 022 002
Emergency telephone number : 1800 205 506, +64 7 958 2372
Issuing date : 19.03.2018

Section: 2. HAZARDS IDENTIFICATION

GHS Classification
Product AS SOLD
Acute toxicity (Oral) : Category 4
Skin corrosion/irritation : Category 1
Serious eye damage/eye irritation : Category 1

Product AT USE DILUTION
Not a hazardous substance or mixture.

GHS Label element
Product AS SOLD
Hazard pictograms : 

Signal Word : Danger
Hazard Statements : Harmful if swallowed.
Causes severe skin burns and eye damage.
Precautionary Statements : Prevention:
Do not breathe dusts or mists. Wash skin thoroughly after handling.
Do not eat, drink or smoke when using this product. Wear protective gloves/ protective clothing/ eye protection/ face protection.
Response:
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Wash
contaminated clothing before reuse.

**Storage:**
Store locked up.

**Disposal:**
Dispose of contents/ container to an approved waste disposal plant.

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### Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Product AS SOLD**

**Pure substance/mixture:** Mixture

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Concentration: (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium carbonate peroxyhydrate</td>
<td>15630-89-4</td>
<td>30 - 60</td>
</tr>
<tr>
<td>sodium metasilicate</td>
<td>6834-92-0</td>
<td>10 - 30</td>
</tr>
</tbody>
</table>

**Product AT USE DILUTION**

No hazardous ingredients

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### Section: 4. FIRST AID MEASURES

**Product AS SOLD**

**In case of eye contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.

**In case of skin contact:** Wash off immediately with plenty of water for at least 15 minutes. Use a mild soap if available. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.

**If swallowed:** Contact the Poison's Information Centre (eg Australia 13 1126; New Zealand 0800 764 766).

Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**If inhaled:** Remove to fresh air. Treat symptomatically. Get medical attention.

**Protection of first-aiders:** If potential for exposure exists refer to Section 8 for specific personal protective equipment.

**Notes to physician:** Treat symptomatically.

**Most important symptoms and effects, both acute and delayed:** See Section 11 for more detailed information on health effects and symptoms.
Product AT USE DILUTION

In case of eye contact: Rinse with plenty of water.

In case of skin contact: Rinse with plenty of water.

If swallowed: Rinse mouth. Get medical attention if symptoms occur.

Contact the Poison's Information Centre (eg Australia 13 1126; New Zealand 0800 764 766).

If inhaled: Get medical attention if symptoms occur.

Section: 5. FIREFIGHTING MEASURES

Product AS SOLD

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media: None known.

Specific hazards during firefighting: Exposure to decomposition products may be a hazard to health.

Hazardous combustion products: Decomposition products may include the following materials:
- Carbon oxides
- Sulphur oxides
- Metal oxides

Special protective equipment for firefighters: Use personal protective equipment.

Specific extinguishing methods: Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

Hazchem Code: 2X

Section: 6. ACCIDENTAL RELEASE MEASURES

Product AS SOLD

Personal precautions, protective equipment and emergency procedures: Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

Environmental precautions: Do not allow contact with soil, surface or ground water.

Methods and materials for containment and cleaning up: Sweep up and shovel into suitable containers for disposal.

Product AT USE DILUTION

Personal precautions, protective equipment and emergency procedures: Refer to protective measures listed in sections 7 and 8.
Environmental precautions: No special environmental precautions required.

Methods and materials for containment and cleaning up: Stop leak if safe to do so. Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

Section: 7. HANDLING AND STORAGE

Product AS SOLD
Advice on safe handling: Do not ingest. Do not breathe dust/fume/gas/mist/vapours/spray. Use only with adequate ventilation. Wash hands thoroughly after handling. Do not get in eyes, on skin, or on clothing.


Storage temperature: 0 °C to 40 °C

Product AT USE DILUTION
Advice on safe handling: Wash hands after handling. For personal protection see section 8.


Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Product AS SOLD
Components with workplace control parameters
Contains no substances with occupational exposure limit values.

Engineering measures: Effective exhaust ventilation system. Maintain air concentrations below occupational exposure standards.

Personal protective equipment

Eye protection: Safety goggles
Face-shield
Wear chemical splash goggles.

Hand protection: Wear the following personal protective equipment:
Standard glove type.
PVC
Nitrile
Natural rubber
Neoprene gloves
Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Skin protection: Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing

Respiratory protection: When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Refer to AS/NZS 1715 and AS/NZS 1716 for selection, use and maintenance of respiratory protective equipment as applicable.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Remove and wash contaminated clothing before re-use. Wash face, hands and any exposed skin thoroughly after handling. Provide suitable facilities for quick drenching or flushing of the eyes and body in case of contact or splash hazard.

Engineering measures: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Product AT USE DILUTION

<table>
<thead>
<tr>
<th>Personal protective equipment</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye protection</td>
<td>No special protective equipment required.</td>
</tr>
<tr>
<td>Hand protection</td>
<td>No special protective equipment required.</td>
</tr>
<tr>
<td>Skin protection</td>
<td>No special protective equipment required.</td>
</tr>
<tr>
<td>Respiratory protection</td>
<td>No personal respiratory protective equipment normally required. Refer to AS/NZS 1715 and AS/NZS 1716 for selection, use and maintenance of respiratory protective equipment as applicable.</td>
</tr>
</tbody>
</table>

Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th></th>
<th>Product AS SOLD</th>
<th>Product AT USE DILUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>powder</td>
<td>liquid</td>
</tr>
<tr>
<td>Colour</td>
<td>white with coloured particles</td>
<td>colourless</td>
</tr>
<tr>
<td>Odour</td>
<td>slight</td>
<td>slight</td>
</tr>
<tr>
<td>pH</td>
<td>10.0 - 12.0, (1 %)</td>
<td>10.0 - 12.0</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable., Does not sustain combustion.</td>
<td></td>
</tr>
<tr>
<td>Odour Threshold</td>
<td>no data available</td>
<td>no data available</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>no data available</td>
<td>no data available</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>no data available</td>
<td>no data available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>no data available</td>
<td>no data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>no data available</td>
<td>no data available</td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>no data available</td>
<td>no data available</td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>no data available</td>
<td>no data available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>no data available</td>
<td>no data available</td>
</tr>
<tr>
<td>Relative vapour density</td>
<td>no data available</td>
<td>no data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.0 - 1.1</td>
<td>no data available</td>
</tr>
<tr>
<td>Water solubility</td>
<td>no data available</td>
<td>no data available</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>no data available</td>
<td>no data available</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>no data available</td>
<td>no data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>no data available</td>
<td>no data available</td>
</tr>
</tbody>
</table>
SAFETY DATA SHEET

DIP IT PLUS

Thermal decomposition : no data available
Viscosity, kinematic : no data available
 Explosive properties : no data available
 Oxidizing properties : no data available
 Molecular weight : no data available
 VOC : no data available

Section: 10. STABILITY AND REACTIVITY

Product AS SOLD
 Chemical stability : Stable under normal conditions.
 Possibility of hazardous reactions : No dangerous reaction known under conditions of normal use.
 Conditions to avoid : None known.
 Incompatible materials : Acids
                        Metals
                        Organic materials
 Hazardous decomposition products : Decomposition products may include the following materials:
                                    Carbon oxides
                                    Sulphur oxides
                                    metal oxides

Section: 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure : Inhalation, Eye contact, Skin contact

Potential Health Effects

Product AS SOLD
 Eyes : Causes serious eye damage.
 Skin : Causes severe skin burns.
 Ingestion : Harmful if swallowed. Causes digestive tract burns.
 Inhalation : May cause nose, throat, and lung irritation.
 Chronic Exposure : Health injuries are not known or expected under normal use.

Product AT USE DILUTION
 Eyes : Health injuries are not known or expected under normal use.
 Skin : Health injuries are not known or expected under normal use.
 Ingestion : Health injuries are not known or expected under normal use.
 Inhalation : Health injuries are not known or expected under normal use.
 Chronic Exposure : Health injuries are not known or expected under normal use.

Experience with human exposure
**SAFETY DATA SHEET**

**DIP IT PLUS**

<table>
<thead>
<tr>
<th>Product AS SOLD</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Eye contact</strong></td>
<td>Redness, Pain, Corrosion</td>
</tr>
<tr>
<td><strong>Skin contact</strong></td>
<td>Redness, Pain, Corrosion</td>
</tr>
<tr>
<td><strong>Ingestion</strong></td>
<td>Corrosion, Abdominal pain</td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td>Respiratory irritation, Cough</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product AT USE DILUTION</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Eye contact</strong></td>
<td>No symptoms known or expected.</td>
</tr>
<tr>
<td><strong>Skin contact</strong></td>
<td>No symptoms known or expected.</td>
</tr>
<tr>
<td><strong>Ingestion</strong></td>
<td>No symptoms known or expected.</td>
</tr>
<tr>
<td><strong>Inhalation</strong></td>
<td>No symptoms known or expected.</td>
</tr>
</tbody>
</table>

**Toxicity**

<table>
<thead>
<tr>
<th>Product AS SOLD</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Acute oral toxicity</strong></td>
<td>Acute toxicity estimate : 1,435 mg/kg</td>
</tr>
<tr>
<td><strong>Acute inhalation toxicity</strong></td>
<td>no data available</td>
</tr>
<tr>
<td><strong>Acute dermal toxicity</strong></td>
<td>no data available</td>
</tr>
<tr>
<td><strong>Skin corrosion/irritation</strong></td>
<td>no data available</td>
</tr>
<tr>
<td><strong>Serious eye damage/eye irritation</strong></td>
<td>no data available</td>
</tr>
<tr>
<td><strong>Respiratory or skin sensitization</strong></td>
<td>no data available</td>
</tr>
<tr>
<td><strong>Carcinogenicity</strong></td>
<td>no data available</td>
</tr>
<tr>
<td><strong>Reproductive effects</strong></td>
<td>no data available</td>
</tr>
<tr>
<td><strong>Germ cell mutagenicity</strong></td>
<td>no data available</td>
</tr>
<tr>
<td><strong>Teratogenicity</strong></td>
<td>no data available</td>
</tr>
<tr>
<td><strong>STOT - single exposure</strong></td>
<td>no data available</td>
</tr>
<tr>
<td><strong>STOT - repeated exposure</strong></td>
<td>no data available</td>
</tr>
<tr>
<td><strong>Aspiration toxicity</strong></td>
<td>no data available</td>
</tr>
</tbody>
</table>

**Section: 12. ECOLOGICAL INFORMATION**

<table>
<thead>
<tr>
<th>Product AS SOLD</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ecotoxicity</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Environmental Effects</strong></td>
<td>Toxic to aquatic life.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Toxicity to fish</strong></td>
<td>no data available</td>
</tr>
<tr>
<td><strong>Toxicity to daphnia and other aquatic invertebrates</strong></td>
<td>no data available</td>
</tr>
<tr>
<td><strong>Toxicity to algae</strong></td>
<td>no data available</td>
</tr>
</tbody>
</table>
Components
Toxicity to fish: sodium metasilicate
96 h LC50 Fish: 210 mg/l

Components
Toxicity to daphnia and other aquatic invertebrates: Sodium carbonate peroxyhydrate
48 h EC50 Daphnia: 4.9 mg/l

Persistence and degradability
Product AS SOLD
no data available

Bioaccumulative potential
no data available

Mobility in soil
no data available

Other adverse effects
no data available

Section: 13. DISPOSAL CONSIDERATIONS
Product AS SOLD
Disposal methods: Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

The product should not be allowed to enter drains, water courses or the soil.

Disposal considerations: Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers. Dispose of in accordance with local, state, and federal regulations.

Product AT USE DILUTION
Disposal methods: Diluted product can be flushed to sanitary sewer.

Disposal considerations: Dispose of in accordance with local, state, and federal regulations.

Section: 14. TRANSPORT INFORMATION
Product AS SOLD
The shipper/consignor/sender is responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport.

Land transport (ADG)
UN number: 3262
Description of the goods: CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.
(sodium metasilicate, sodium carbonate)
Class: 8
Packing group: II
Hazchem Code: 2X
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Environmentally hazardous : Yes

Sea transport (IMDG/IMO)

UN number : 3262
Description of the goods : CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.
(sodium metasilicate, sodium carbonate)
Class : 8
Packing group : II
Marine pollutant : No

Section: 15. REGULATORY INFORMATION

National regulatory information

Standard for the Uniform Scheduling of Medicines and Poisons : Schedule 5

The components of this product are reported in the following inventories:

United States TSCA Inventory : not determined

Canadian Domestic Substances List (DSL) : This product contains one or several components that are not on the Canadian DSL nor NDSL.

Australia. Industrial Chemical (Notification and Assessment) Act : On the inventory, or in compliance with the inventory

New Zealand. Inventory of Chemicals (NZIoC), as published by ERMA New Zealand : On the inventory, or in compliance with the inventory

Japan. ENCS - Existing and New Chemical Substances Inventory : not determined

Korea. Korean Existing Chemicals Inventory (KECI) : not determined

Philippines Inventory of Chemicals and Chemical Substances (PICCS) : not determined

China Inventory of Existing Chemical Substances : not determined

Taiwan Chemical Substance Inventory : not determined

Section: 16. OTHER INFORMATION

Sources of key data used to compile the Safety Data Sheet
Globally Harmonized System of Classification and Labelling of Chemicals (GHS)
IARC: (International Agency for Research on Cancer)
US. National Toxicology Program (NTP) Report on Carcinogens
ECHA List of Publishable Substances Registered
EU HPVCs (High Production Volume Chemicals)
SAFETY DATA SHEET

DIP IT PLUS

Issuing date : 19.03.2018
Date of first issue : 15.11.2015
Version : 1.1
Prepared by : Regulatory Affairs

REVISED INFORMATION: Significant changes to regulatory or health information for this revision is indicated by a bar in the left-hand margin of the SDS.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.