# SAFETY DATA SHEET

ON DECK SOLID FLATWARE PRE-SOAK

### Section 1. Chemical product and company identification

**Product name** : On Deck Recommended use and

restrictions

: Presoak

Use only for the purpose on the product label.

Product dilution information : Up to 0.6 oz/gal or 4.7 mL/L in water

**Supplier's information** : Ridgway Industries, Inc.

**ADDRESS** : P.O. Box 660

Darby, PA 19023

: 07-23-15 Date of issue

EMERGENCY HEALTH INFORMATION: 1-800-633-8253

### Section 2. Hazards identification

**Product AS SOLD** 

**GHS Classification** : SKIN CORROSION/IRRITATION - Category 2

SERIOUS EYE DAMAGE/ EYE IRRITATION-

Category 2A

**GHS label elements** 

Signal word : Warning

**Symbol** 

**Hazard statements** : Causes serious eye irritation.

Causes skin irritation.

Precautionary statements

Prevention : Wash thoroughly after handling.

Response : IF ON SKIN: Wash with plenty of soap and

water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

: No other specific measures identified. Storage

Disposal : See section 13 for waste disposal information. **Product AT USE DILUTION** 

Not classified.

No signal word.

No known significant effects or critical hazards.

Wash thoroughly after handling.

Get medical attention if symptoms appear.

No other specific measures identified. See section 13 for waste disposal

information.

None known.

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### Section 3. Composition/information on ingredients

Substance/mixture : Mixture

**Product AS SOLD** 

| Hazardous ingredients   | Concentration Range (%)        | CAS number                                       |
|---|--------------------------------|--|
| SODIUM HYDROXIDE  | 1                              | 1310-73-2  |
| SODIUM CARBONATE<br>alcohols, c12-16, ethoxylated<br>sodium isononanoate<br>TRISODIUM HEDTA | >50<br>1 - 5<br>1 - 5<br>1 - 5 | 497-19-8<br>68551-12-2<br>84501-72-4<br>139-89-9 |

#### **Product AT USE DILUTION**

Within the present knowledge of the supplier, this product does not contain any hazardous ingredients in quantities requiring reporting, in accordance with local regulations.

### Section 4. First aid measures

**Product AT USE DILUTION Product AS SOLD** No known effect after eye contact. Rinse with : Rinse cautiously with water for several minutes. Eye contact water for a few minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. Get medical attention if

irritation persists.

Skin contact : Take off contaminated clothing. Wash with

plenty of soap and water. Get medical attention if irritation persists. Wash clothing before reuse.

Clean shoes thoroughly before reuse.

Inhalation : No special measures required. Treat

symptomatically.

: Get medical attention if symptoms occur. Ingestion

: No action shall be taken involving any personal risk or without suitable training. It may be

No known effect after skin contact. Rinse

No special measures required. Treat

Get medical attention if symptoms occur.

with water for a few minutes.

symptomatically.

dangerous to the person providing aid to give mouth-to-mouth resuscitation.

: In case of inhalation of decomposition products in a fire, symptoms may be delayed. The Notes to physician

exposed person may need to be kept under medical surveillance for 48 hours.

See toxicological information (section 11)

### Section 5. Fire-fighting measures

**Product AS SOLD** 

Protection of first-

Suitable fire extinguishing

media

aiders

: Use water spray, fog or foam.

Specific hazards arising from the chemical

: No specific fire or explosion hazard.

**Hazardous thermal** decomposition products

: Decomposition products may include the following materials:

carbon dioxide carbon monoxide nitrogen oxides metal oxide/oxides

Specific fire-fighting

methods

: 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.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure

mode.

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### Section 6. Accidental release measures

Personal precautions Environmental **Product AS SOLD** 

: Use personal protective equipment as required.

**Product AT USE DILUTION** Use personal protective equipment as

required.

: Avoid contact of large amounts of spilled material Avoid contact of large amounts of spilled and runoff with soil and surface waterways. material and runoff with soil and surface

waterways.

Use a water rinse for final clean-up.

Product AT USE DILUTION

Wash thoroughly after handling.

precautions Methods for cleaning up

Handling

: Collect spillage. Use a water rinse for final clean-

Section 7. Handling and storage

**Product AS SOLD** 

: Avoid contact with eyes, skin and clothing. Wash

thoroughly after handling.

: Keep out of reach of children. Keep container Storage

tightly closed.

Store between the following temperatures: 0 and

Keep out of reach of children.

40°C

## Section 8. Exposure controls/personal protection

#### Control parameters

| Ingredient name | Exposure limits  |
|-----------------|--|
|                 | ACGIH TLV (United States, 3/2012). C: 2 mg/m³ OSHA PEL (United States, 6/2010). TWA: 2 mg/m³ 8 hours. NIOSH REL (United States, 6/2009). CEIL: 2 mg/m³ |

#### **Product AS SOLD**

**Appropriate** engineering controls : Good general ventilation should be sufficient to control worker exposure to airborne

contaminants.

Personal protection

Eye protection

: Due to the form and packaging of the product, no protective equipment is needed under normal

use conditions.

Hand protection

: Due to the form and packaging of the product, no protective equipment is needed under normal

use conditions.

Skin protection

: No protective equipment is needed under normal

use conditions.

Respiratory protection

: A respirator is not needed under normal and

intended conditions of product use.

**Product AT USE DILUTION** 

Good general ventilation should be sufficient to control worker exposure to airborne

contaminants.

No protective equipment is needed under normal use conditions.

No protective equipment is needed under normal use conditions.

No protective equipment is needed under normal use conditions.

A respirator is not needed under normal and intended conditions of product use.

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, Hygiene measures

smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing

before reusing.

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## Section 9. Physical and chemical properties

**Product AS SOLD** 

Physical state : Cast Solid
Color : Blue [Dark]
Odor : citrus
pH : 10.5 (1%)

: > 100°C

Product does not support combustion.

Explosion limits : Not available. Flammability (solid, : Not available.

gas)

Flash point

Melting point : Not available.

Boiling point : Not available.

Evaporation rate (butyl acetate = 1)

Vapor pressure : Not available.

Vapor density : Not available.

Relative density : 1.3 (Water = 1)

**Solubility**: Easily soluble in the following materials: cold

water and hot water.

Partition coefficient: : Not available.

n-octanol/water

Auto-ignition

: Not available.

temperature

**Decomposition**: Not available.

temperature

Odor threshold : Not available.

Viscosity : Not available.

## Section 10. Stability and reactivity

**Product AS SOLD** 

**Stability**: The product is stable.

Possibility of hazardous

reactions

: Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid : No specific data.

Materials to avoid : Slightly reactive or incompatible with the following materials: acids.

**Hazardous decomposition**: Under normal conditions of storage and use, hazardous decomposition products

**products** should not be produced.

Section 11. Toxicological information

Route of exposure : Skin contact, Eye contact, Ingestion

**Product AS SOLD** 

**Symptoms** 

**Eye contact** : Adverse symptoms may include the following:

pain or irritation watering redness

**Skin contact**: Adverse symptoms may include the following:

irritation redness

Product AT USE DILUTION

**Product AT USE DILUTION** 

Liquid.

citrus

Blue [Light]

10.5 to 11.5

> 100°C

No specific data.

No specific data.

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## Section 11. Toxicological information

Inhalation : No specific data. Ingestion : No specific data.

**Acute toxicity** 

Skin contact

**Eve contact** : Causes serious eye irritation. No known significant effects or critical hazards.

No known significant effects or critical

No specific data.

No specific data.

hazards.

Inhalation : No known significant effects or critical hazards.

: Causes skin irritation.

No known significant effects or critical

hazards.

Ingestion : No known significant effects or critical hazards. No known significant effects or critical

hazards.

#### Toxicity data

#### Product/ingredient name

sodium carbonate LC50 Inhalation Rat 1.15 mg/l Dusts and mists LD50 Dermal Rabbit >2000 mg/kg LD50 Oral Rat 2800 mg/kg alcohols, c12-16, ethoxylated LD50 Dermal Rabbit >2000 mg/kg LD50 Oral Rat 1100 mg/kg sodium isononanoate LD50 Dermal Rat >2000 mg/kg LD50 Oral Rat 1160 mg/kg LD50 Oral Rat 10000 mg/kg

glycine, n-[2-[bis(carboxymethyl)amino] ethyl]-n-(2-hydroxyethyl)-, trisodium salt

#### **Chronic toxicity**

Carcinogenicity : No known significant effects or critical hazards. Mutagenicity : No known significant effects or critical hazards. **Teratogenicity** : No known significant effects or critical hazards. **Developmental effects** : No known significant effects or critical hazards. **Fertility effects** : No known significant effects or critical hazards.

## Section 12. Ecological information

#### **Product AS SOLD**

**Ecotoxicity** : This material is harmful to aquatic life.

#### Aquatic and terrestrial toxicity

| Product/ingredient name   | Result                 | Species | Exposure |
|---|------------------------|---------|----------|
| sodium carbonate  | Acute EC50 200 mg/l    | Daphnia | 48 hours |
| alcohols, c12-16, ethoxylated   | Acute LC50 1.5 mg/l    | Fish    | 96 hours |
| sodium isononanoate   | Acute LC50 160 mg/l    | Fish    | 96 hours |
| glycine, n-[2-[bis(carboxymethyl)amino]ethyl]-n-(2-hydroxyethyl)-, trisodium salt | Chronic EC50 >500 mg/l | Daphnia | 48 hours |
| sodium hydroxide  | Acute EC50 40 mg/l     | Daphnia | 48 hours |

Other adverse effects : No known significant effects or critical hazards.

## Section 13. Disposal considerations

#### **Product AS SOLD**

**Disposal methods** : Diluted product can be flushed to sanitary sewer.

Discard empty container in trash.

#### **Product AT USE DILUTION**

Diluted product can be flushed to sanitary sewer. Discard empty container in trash.

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### Section 14. Transport information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

DOT

DOT Classification Not regulated.

**IMO/IMDG** 

IMO/IMDG Classification Not regulated.

For transport in bulk, see shipping documents for specific transportation information.

Product AT USE DILUTION

Not intended for transport.

# Section 15. Regulatory information

Product AS SOLD U.S. Federal regulations

**TSCA 8(b) inventory** : All components are listed or exempted.

SARA 302/304/311/312 extremely hazardous substances: No listed substance SARA 302/304 emergency planning and notification: No listed substance

SARA 313 Product name CAS number Concentration

Form R - Reporting

requirements

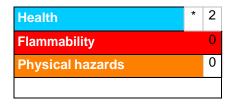
: No listed substance

California Prop. 65 : No listed substance

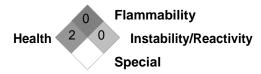
### Section 16. Other information

Product AS SOLD

Hazardous Material Information System (U.S.A.)



National Fire Protection Association (U.S.A.)

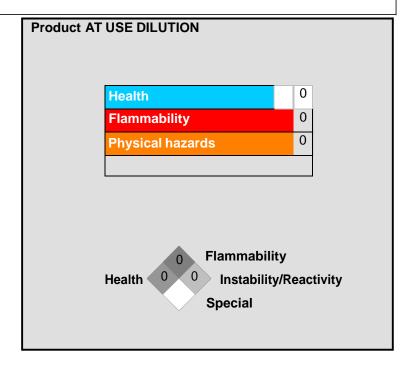


Date of issue : 07-23-15

Prepared by : Regulatory Affairs

1-800-479-9548

Notice to reader



SILVER POWER 06 Sep 2013

## Section 16. Other information

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

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