

Material Safety Data Sheet

TEAT GUARD 50



1. Product and company identification

Trade name of product : TEAT GUARD 50

Product use : Teat dip

Product dilution information : Not applicable

Supplier's information : Ecolab Inc. Food & Beverage Division
370 N. Wabasha Street
St. Paul, MN 55102
1-800-392-3392

Code : 948869

Date of issue : 09-December-2010

EMERGENCY HEALTH INFORMATION: 1-800-328-0026
Outside United States and Canada CALL 1-651-222-5352 (in USA)

2. Hazards identification

Product AS SOLD

Physical state : Liquid.

Emergency overview : CAUTION!

MAY CAUSE EYE IRRITATION.

Avoid contact with eyes. Wash thoroughly after handling.

Potential acute health effects

Product AS SOLD

Eyes : Moderately irritating to eyes.

Skin : No known significant effects or critical hazards.

Inhalation : No known significant effects or critical hazards.

Ingestion : No known significant effects or critical hazards.

See toxicological information (section 11)

Product AT USE DILUTION

Product is sold ready to use.

Product AT USE DILUTION

Product is sold ready to use.

3. Composition/information on ingredients

Product AS SOLD

| <u>Name</u> | <u>CAS number</u> | <u>% by weight</u> |
|---------------------|-------------------|--------------------|
| NONOXYNOL-12 IODINE | 11096-42-7 | 5 - 20 |

Product AT USE DILUTION

| <u>Name</u> | <u>CAS number</u> | <u>% by weight</u> |
|-------------------------------|-------------------|--------------------|
| Product is sold ready to use. | | |

4. First aid measures

Product AS SOLD

Eye contact : In case of contact, immediately flush eyes with plenty of water. Remove contact lenses and flush again. Get medical attention if irritation persists.

Skin contact : No known effect after skin contact. Rinse with water for a few minutes.

Inhalation : No special measures required. Treat symptomatically.

Product AT USE DILUTION

Product is sold ready to use.

4. First aid measures

Ingestion : Get medical attention if symptoms occur.

5. Fire-fighting measures

Product AS SOLD

Hazardous thermal decomposition products : Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
halogenated compounds

Fire-fighting media and instructions : Use an extinguishing agent suitable for the surrounding fire.

Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

In a fire or if heated, a pressure increase will occur and the container may burst.

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.

6. Accidental release measures

Personal precautions : Use personal protective equipment as required.

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

Methods for cleaning up : Use a water rinse for final clean-up.

Product AT USE DILUTION

Product is sold ready to use.

7. Handling and storage

Handling : Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

Storage : Keep out of reach of children. Store in a closed container.
Store between the following temperatures: -20 and 50°C

Product AT USE DILUTION

Product is sold ready to use.

8. Exposure controls/personal protection

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

Personal protection

Eyes : Safety eyewear should be used when there is a likelihood of exposure.

Hands : No protective equipment is needed under normal use conditions.

Skin : No protective equipment is needed under normal use conditions.

Respiratory : No special protection is required.

Product AT USE DILUTION

Product is sold ready to use.

Product is sold ready to use.

Consult local authorities for acceptable exposure limits.

9. Physical and chemical properties

| | Product AS SOLD |
|-----------------------------------|--|
| Physical state | : Liquid. |
| Flash point | : > 100°C Product does not support combustion. |
| Color | : Brown. [Dark] |
| Odor | : iodine |
| pH | : 3.9 [Conc. (% w/w): 100%] |
| Boiling/condensation point | : >100°C (>212°F) |
| Relative density | : 1.02 |
| Dispersibility properties | : Easily dispersible in the following materials: cold water and hot water. |
| Solubility | : Easily soluble in the following materials: cold water and hot water. |

Product AT USE DILUTION
Product is sold ready to use.

10. Stability and reactivity

| | Product AS SOLD |
|---|---|
| Stability | : The product is stable. Under normal conditions of storage and use, hazardous polymerization will not occur. |
| Reactivity | : Slightly reactive or incompatible with the following materials: alkalis. |
| Hazardous decomposition products | : Under normal conditions of storage and use, hazardous decomposition products should not be produced. |
| Hazardous polymerization | : Under normal conditions of storage and use, hazardous polymerization will not occur. |

11. Toxicological information

Potential acute health effects

| | Product AS SOLD |
|-------------------|---|
| Eyes | : Moderately irritating to eyes. |
| Skin | : No known significant effects or critical hazards. |
| Inhalation | : No known significant effects or critical hazards. |
| Ingestion | : No known significant effects or critical hazards. |

Product AT USE DILUTION
Product is sold ready to use.

12. Ecological information

Ecotoxicity : Not reported

13. Disposal considerations

| | Product AS SOLD |
|-----------------------|--|
| Waste disposal | : Diluted product can be flushed to sanitary sewer. Discard empty container in trash. |

Product AT USE DILUTION
Product is sold ready to use.

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.

Product AS SOLD
DOT Classification : Not regulated.

For transport in bulk or using IMDG regulations, see shipping documents for specific transportation information.

15. Regulatory information

Product AS SOLD

HCS Classification : Irritating material

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

Product AT USE DILUTION

Product is sold ready to use.

16. Other information

Product AS SOLD

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

| | |
|------------------|---|
| Health | 1 |
| Flammability | 0 |
| Physical hazards | 0 |
| | |

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



Date of issue : 09-December-2010

Responsible name : Regulatory Affairs
1-800-352-5326

☑ Indicates information that has changed from previously issued version.

Notice to reader

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.