

# Material Safety Data Sheet

AlkalineTuff Veg Oil Cleaner (RXSOL-20-2046-220)



## 1. Product and Company Identification

Product Name RXSOL-20-2046-210  
Product Type Veg and Animal Oil Cleaner

Company Details:  
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## 2. Composition / information on ingredients

| Chemical Name                                                                                                                                                   | Concentration | CAS Number | EC Number | R Phrases* | Symbols |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|-----------|------------|---------|
| Disodium metasilicate                                                                                                                                           | 5-10          | 6834-92-0  | 229-912-9 | 34, 37     | C       |
| 2-ethylhexanol, ethoxylated, phosphated                                                                                                                         | 5             | 31800-88-1 | -         | 34         | C       |
| High Molecular SURFACTANT ( ANIONIC & NON-IONIC ) , LAB derivative , Sodium hydroxide Strong alkaline cleaner Declaration according recommendation 89/542/EEG.. | -----         | -----      | -----     | -----      | -----   |

## 3. Hazards Identification

Environmental Hazards None  
Human Health Hazards Moderates

R 35: Causes skin burning effects

## 4. First Aid Measures

Inhalation Harmful,. supply or remove to fresh air and seek medical advice attention.  
Skin Contact Rinse with running water and soap. Skin care. Remove contaminated clothes.  
Eye Contact Flush with running water for at least 15 minutes Immediately .

Ingestion

Vomiting is dangerous , seek medical attention.

## 5. Fire-fighting Measures

Non Combustible Product

Suitable

N.A. can use foam dry Co2 , water-spray.

Not suitable

Not applicable

Special

Not applicable

Protection of fire Fighter

Not applicable

Special protective equipment for fire-fighters: Wear protective equipment.

## 6. Accidental Release Measures

Environmental Precaution

Direct flow into drainage system, surface or ground water is prohibited.

Cleaning Method

Flush Spill Area with Water and remove with liquid-absorbing material like foam sand,sawdust etc..

## 7. Handling and Storage

Condition to Avoid

Non flammable but avoid direct heating

Materials to Avoid

Do not subject to Acidic / Oxidizing Agents

Handling

Keep Container Tightly Closed

Note:Eyewash facilities require at workplace The product causes corrosion on skin and mucous membranes Pl. Note that In case of discharge of acidic or alkaline products into the sewerage system the pH must be in the range of 6-10 since higher or lower pH values may damage the sewerage system or impair biological dosage treatment plants. So that for maintaining pH we have to add acidic / basic medium neutraliser . For example if pH is less than 6 basic neutraliser is required and if pH is more than 10 acidic nature neutraliser is required. For details of any guideline pl. Visit our technical website [www.rxmarine.com](http://www.rxmarine.com)

Dilute in water (always use plastic jar and RXSOL should be added to water never add water to RXSOL.)

## 8. Exposure controls and personal protection

Personal protection :

Respiratory System Protection

Approved respirator must be worn when spraying

Eye Protection

Clear eye protection (on possibility of contact )

Hand protection

Cear PVC chemical resistance protective glove

## 9. Physical and chemical properties

Product Properties:

|               |                                    |
|---------------|------------------------------------|
| Appearance    | Clear liquid                       |
| Density       | In g/cm <sup>3</sup> at 20°C: 1.21 |
| Compatibility |                                    |
| Metal         | No known effect                    |
| Rubber        | No known effect                    |
| pH            | Alkaline ( 13 )                    |
| Flash point   | Not Applicable                     |
| Solubility    | 100% soluble in water              |
| Packaging     | Size (in Litres)220 Ltrs           |

## 10. Stability and reactivity

|                                  |                                                                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Hazardous Decomposition Products | Do not occur if stored and used as directed. n FIRE combustion CO, CO <sub>2</sub> , NH <sub>3</sub> , SOX etc hazardous gas produced |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|

NOTE : Avoid Contact With Acid

## 11. Toxicological information

Comment - Not applicable , 100% Soluble in water

## 12. Ecological information

95 % added surfactants are biodegradable as per by international regulation .This material must be disposed with local national regulations.

## 13. Disposal considerations

As per guide line of local rules and regulation and before disposal and neutralization pl. refer 07 article.

## 14. Transport information

Proper Shipping Name

UN

|                      |                            |              |         |
|----------------------|----------------------------|--------------|---------|
| Proper Shipping Name | Sodium hydroxide, solution |              |         |
| UNNo.                | 1824                       |              |         |
| Hazard Class         | 8                          | PackingGroup | II      |
| Road/Rail(ADR/RID)   |                            |              |         |
| Proper Shipping Name | Sodium hydroxide, solution |              |         |
| ADR UN No.           | 1824                       |              |         |
| ADR Hazard Class     | 8                          | Tremcard     | 80S1824 |

Sea(IMDG)

|                      |                            |                  |     |
|----------------------|----------------------------|------------------|-----|
| Proper Shipping Name | Sodium hydroxide, solution |                  |     |
| IMDG UN No.          | 1824                       |                  |     |
| IMDG Hazard Class.   | 8                          | IMDG Pack Group. | II  |
| IMDG EmS             | F-A, S-A                   | IMDG subrisk     | N/A |
| IMDG Labels          | 8                          | IMDG Flash point | N/A |

Air(ICAQ/IATA)

|                      |                            |                     |        |
|----------------------|----------------------------|---------------------|--------|
| Proper Shipping Name | Sodium hydroxide, solution |                     |        |
| ICAO Un No.          | 1824                       |                     |        |
| ICAO Hazard Class    | 8                          | ICAO Packing Group. | II     |
| ICAO subrisk         | N/A                        | ICAO Labels         | 8, CAO |
| ICAO Flashpoint      | N/A                        |                     |        |

DOT/ CFR (US Department of Transportation)

|                          |                            |                       |         |
|--------------------------|----------------------------|-----------------------|---------|
| DOT Proper Shipping Name | Sodium hydroxide, solution |                       |         |
| Hazardous Material       | Sodium hydroxide           |                       |         |
| Hazard Class             | 8                          | Identification Number | UN 1824 |
| Product RQ (lbs)         | 3640                       | DOT subrisk           | N/A     |
| DOT Labels               | 8                          | DOTFlashpoint         | N/A     |

## 15. Regulatory information

Classification and labelling according to Chemicals Hazard Information and Packaging Regulations (CHIP). Symbols of danger :- C Corrosive

R  
phrases R 35 : Causes severe burns

S- S2: Keep out of reach of children S26 :In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
phrases S28 : After contact with skin, wash immediately with plenty of water. S37/39 : Wear suitable gloves and eye/face protection.

## 16. Other information

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our product from the point of view of safety requirements and is not intended to guarantee any particular properties

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