

# **SAFETY DATA SHEET**

according to Regulation (EC) No. 453/2010

## **TLC-W3 - ROCK SALT**

Revision Date: 20-Dec-2012

Revision Number: 10

### **1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**

**Product Identifier****Product Name**

TLC-W3 - ROCK SALT

**Relevant identified uses of the substance or mixture and uses advised against****Recommended Use**

Additive

**Uses Advised Against**

No information available

**Details of the supplier of the safety data sheet**

Halliburton Energy Services  
Halliburton House, Howemoss Place  
Kirkhill Industrial Estate  
Dyce  
Aberdeen, AB21 0GN  
United Kingdom

Emergency Phone Number: +44 1224 795277 or +1 281 575 5000

[www.halliburton.com](http://www.halliburton.com)

For further information, please contact

**E-Mail address:**

fdunexchem@halliburton.com

**Emergency telephone number**

+44 1224 795277 or +1 281 575 5000

**Emergency telephone \$45 - (EC)1272/2008**

|                       |                                                                                                                         |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Europe</b>         | <b>112</b>                                                                                                              |
| <b>Denmark</b>        | Poison Control Hotline (DK): +45 82 12 12 12                                                                            |
| <b>France</b>         | ORFILA (FR): + 01 45 42 59 59                                                                                           |
| <b>Germany</b>        | Poison Center Berlin (DE): +49 030 30686 790                                                                            |
| <b>Italy</b>          | Poison Center, Milan (IT): +39 02 6610 1029                                                                             |
| <b>Netherlands</b>    | National Poisons Information Center (NL): +31 30 274 88 88 (NB: this service is only available to health professionals) |
| <b>Norway</b>         | Poisons Information (NO): + 47 22 591300                                                                                |
| <b>Poland</b>         | Poison Control and Information Centre, Warsaw (PL): +48 22 619 66 54; +48 22 619 08 97                                  |
| <b>Spain</b>          | Poison Information Service (ES): +34 91 562 04 20                                                                       |
| <b>United Kingdom</b> | NHS Direct (UK): +44 0845 46 47                                                                                         |

### **2. HAZARDS IDENTIFICATION**

**Classification of the substance or mixture****REGULATION (EC) No 1272/2008**

Not classified

**Classification according to EU Directives 67/548/EEC or 1999/45/EC**

For the full text of the R-phrases mentioned in this Section, see Section 16

**Classification**

Not Classified

## 2. HAZARDS IDENTIFICATION

**Risk Phrases** None

**Label Elements**

Not classified

**Hazard Pictograms**

**Signal Word** None

**Contains**

**Substances**

Sodium chloride

**CAS Number**

7647-14-5

**Other Hazards**

None known

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Substances      | EINECS    | CAS Number | PERCENT   | EEC Classification | EU - CLP Substance Classification | REACH No.         |
|-----------------|-----------|------------|-----------|--------------------|-----------------------------------|-------------------|
| Sodium chloride | 231-598-3 | 7647-14-5  | 60 - 100% | Not applicable     | Not applicable                    | No data available |

For the full text of the R-phrases mentioned in this Section, see Section 16

## 4. FIRST AID MEASURES

**Description of first aid measures**

**Inhalation**

If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.

**Eyes**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

**Skin**

Wash with soap and water. Get medical attention if irritation persists.

**Ingestion**

Under normal conditions, first aid procedures are not required.

**Most Important symptoms and effects, both acute and delayed**

May cause eye irritation.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician**

Treat symptomatically

## 5. FIREFIGHTING MEASURES

**Extinguishing media**

**Suitable Extinguishing Media**

All standard fire fighting media

**Extinguishing media which must not be used for safety reasons**

None known.

**Special hazards arising from the substance or mixture**

**Special Exposure Hazards**

Not applicable.

**Advice for firefighters****Special Protective Equipment for Fire-Fighters**

Not applicable.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

Use appropriate protective equipment. Avoid creating and breathing dust.

See Section 12 for additional information

**Environmental precautions**

Prevent from entering sewers, waterways, or low areas.

**Methods and material for containment and cleaning up**

Scoop up and remove.

**Reference to other sections**

See Section 12 for additional information.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling**

Avoid creating or inhaling dust.

**Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice

**Conditions for safe storage, including any incompatibilities**

Store in a cool, dry location. Product has a shelf life of 24 months.

**Specific End Use(s)****Exposure Scenario**

No information available

**Other Guidelines**

No information available

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters**

| Substances      | EU             | UK OEL               | Netherlands    | France OEL     | Germany MAK/TRK |
|-----------------|----------------|----------------------|----------------|----------------|-----------------|
| Sodium chloride | Not applicable | 10 mg/m <sup>3</sup> | Not applicable | Not applicable | Not applicable  |

| Substances      | Italy          | Poland         | Hungary        | Czech Republic | Denmark        |
|-----------------|----------------|----------------|----------------|----------------|----------------|
| Sodium chloride | Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |

**Derived No Effect Level (DNEL)**

No information available.

**Predicted No Effect Concentration (PNEC)**

No information available.

**Exposure controls****Engineering Controls**

Use in a well ventilated area.

**Personal protective equipment****Respiratory Protection**

Not normally needed. But if significant exposures are possible then the following respirator is recommended:

Dust/mist respirator. (N95, P2/P3)

**Hand Protection**

Normal work gloves.

**Skin Protection**

Normal work coveralls.

**Eye Protection**

Wear safety glasses or goggles to protect against exposure.

**Other Precautions**

None known.

**Environmental Exposure Controls**

No information available

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Solid      **Color:** White  
**Odor:** Odorless      **Odor Threshold:** No information available

| Property<br>Remarks/ Method                   | Values                   |
|-----------------------------------------------|--------------------------|
| <b>pH:</b>                                    | No data available        |
| <b>Melting Point/Range</b>                    | No data available        |
| <b>Freezing Point/Range (C):</b>              | No data available        |
| <b>Boiling Point/Range</b>                    | No data available        |
| <b>Flash Point</b>                            | No data available        |
| <b>Evaporation rate</b>                       | No data available        |
| <b>Vapor Pressure</b>                         | No data available        |
| <b>Vapor Density</b>                          | No data available        |
| <b>Specific Gravity</b>                       | 2.16                     |
| <b>Water Solubility</b>                       | Soluble in water         |
| <b>Solubility in other solvents</b>           | No data available        |
| <b>Partition coefficient: n-octanol/water</b> | No data available        |
| <b>Autoignition Temperature</b>               | No data available        |
| <b>Decomposition Temperature</b>              | No data available        |
| <b>Viscosity</b>                              | No data available        |
| <b>Explosive Properties</b>                   | No information available |
| <b>Oxidizing Properties</b>                   | No information available |

### Other information

**Molecular Weight** 58.44  
**VOC Content (%)** No data available

## 10. STABILITY AND REACTIVITY

### Reactivity

Not applicable

### Chemical Stability

Stable

### Possibility of Hazardous Reactions

Will Not Occur

### Conditions to Avoid

None anticipated

### Incompatible Materials

None known.

### Hazardous Decomposition Products

None known.

## 11. TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects

#### Acute Toxicity

|                     |                                                          |
|---------------------|----------------------------------------------------------|
| <b>Inhalation</b>   | May cause respiratory irritation.                        |
| <b>Eye Contact</b>  | May cause eye irritation.                                |
| <b>Skin Contact</b> | Prolonged or repeated contact may cause skin irritation. |
| <b>Ingestion</b>    | None known                                               |

**Chronic Effects/Carcinogenicity** No data available to indicate product or components present at greater than 1% are chronic health hazards.

| Substances      | LD50 Oral  | LD50 Dermal       | LC50 Inhalation   |
|-----------------|------------|-------------------|-------------------|
| Sodium chloride | 3000 mg/kg | No data available | No data available |

## 12. ECOLOGICAL INFORMATION

### Toxicity

#### Ecotoxicity Effects

| Substances      | Toxicity to Algae        | Toxicity to Fish                            | Toxicity to Microorganisms | Daphnia Magna (Water Flea)                   |
|-----------------|--------------------------|---------------------------------------------|----------------------------|----------------------------------------------|
| Sodium chloride | No information available | TLM96: > 1000 mg/l<br>(Oncorhynchus mykiss) | No information available   | TLM96: > 1,000,000 ppm<br>(Mysidopsis bahia) |

### Persistence and degradability

No information available

### Bioaccumulative potential

No information available

### Mobility in soil

No information available

### Results of PBT and vPvB assessment

No information available.

### Other adverse effects

#### Endocrine Disruptor Information

This product does not contain any known or suspected endocrine disruptors

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

#### Disposal Method

Bury in a licensed landfill according to federal, state, and local regulations.

#### Contaminated Packaging

Follow all applicable national or local regulations.

## 14. TRANSPORT INFORMATION

### IMDG/IMO

UN Number: Not restricted.  
 UN Proper Shipping Name: Not restricted  
 Transport Hazard Class(es): Not applicable

### RID

UN Number: Not restricted.  
 UN Proper Shipping Name: Not restricted  
 Transport Hazard Class(es): Not applicable

### ADR

UN Number: Not restricted.  
 UN Proper Shipping Name: Not restricted  
 Transport Hazard Class(es): Not applicable

### IATA/ICAO

UN Number: Not restricted.  
 UN Proper Shipping Name: Not restricted  
 Transport Hazard Class(es): Not applicable

### Special Precautions for User

None

### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## 15. REGULATORY INFORMATION

### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International Inventories

|                               |                                                            |
|-------------------------------|------------------------------------------------------------|
| <b>EINECS Inventory</b>       | This product, and all its components, complies with EINECS |
| <b>US TSCA Inventory</b>      | All components listed on inventory or are exempt.          |
| <b>Canadian DSL Inventory</b> | All components listed on inventory or are exempt.          |

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List

|                                                 |                                         |
|-------------------------------------------------|-----------------------------------------|
| <b>Germany, Water Endangering Classes (WGK)</b> | WGK 0: Generally not water endangering. |
|-------------------------------------------------|-----------------------------------------|

#### Chemical Safety Assessment

No information available

## 16. OTHER INFORMATION

### Full text of R-phrases referred to under Sections 2 and 3

None

### Key literature references and sources for data

[www.ChemADVISOR.com/](http://www.ChemADVISOR.com/)

|                       |                |
|-----------------------|----------------|
| <b>Revision Date:</b> | 20-Dec-2012    |
| <b>Revision Note</b>  | Not applicable |

**This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

#### **Disclaimer Statement**

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**End of Safety Data Sheet**