



# Health and Safety Data Sheet – Soda Ash

## 6. ACCIDENTAL RELEASE MEASURE

|                                  |   |
|----------------------------------|---|
| <b>Personal Precautions</b>      | <b>Refer to section 8 of HSDS for personal protection details</b>                       |
| <b>Environmental Precautions</b> | <b>Do not let product enter water courses</b>   |
| <b>Cleaning Measures</b>         | <b>Sweep up and shovel into a plastic bag. Wash spillage area with plenty of water.</b> |

## 7. HANDLING & STORAGE

|                               |  |
|-------------------------------|--|
| <b>Handling Requirements</b>  | <b>Avoid Dust Generation. Use in a well ventilated area</b>  |
| <b>Storage Conditions</b>     | <b>Keep in cool, dry conditions – non humid<br/>Do not store together with acids – corrosive to metals (aluminium and zinc) Keep container tightly closed and out of reach of young children</b> |
| <b>Suitable Packaging</b>     | <b>Keep in original packaging</b>  |
| <b>Additional Information</b> | <b>Handle in accordance with good standards of hygiene and safety practices.</b>   |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

|                        |   |
|------------------------|---|
| <b>Inhalation</b>      | <b>Respiratory protection with filter R2 is recommended</b> |
| <b>Hand Protection</b> | <b>Wear protective gloves</b>                               |
| <b>Eye Protection</b>  | <b>Wear safety glasses or goggles</b>                       |
| <b>Skin Protection</b> | <b>Working clothes</b>                                      |

## 9. PHYSICAL & CHEMICAL PROPERTIES

|                            |   |                              |            |
|----------------------------|---|------------------------------|------------|
| <b>Appearance</b>          | <b>White Powder</b>                                       | <b>Explosive Properties</b>  | <b>N/A</b> |
| <b>Odour</b>               | <b>Odourless</b>  | <b>Oxidising Properties</b>  | <b>N/A</b> |
| <b>pH</b>                  | <b>11.4 @ 25°C</b>  | <b>Vapour Pressure</b>       | <b>N/A</b> |
| <b>Boiling point/range</b> | <b>16000°C</b>  | <b>Relative Density</b>      | <b>N/A</b> |
| <b>Melting point/range</b> | <b>851</b>  | <b>Bulk Density</b>          | <b>N/A</b> |
| <b>Flash Point</b>         | <b>N/A</b>  | <b>Partition Coefficient</b> | <b>N/A</b> |
| <b>Flammability</b>        | <b>N/A</b>  | <b>Other Data</b>            | <b>- -</b> |
| <b>Auto Flammability</b>   | <b>N/A</b>  |                              |            |
| <b>Solubility</b>          | <b>Water: 25g/100ml H2O @ 25°C Fat: N/A Solvents: N/A</b> |                              |            |

## 10. STABILITY AND REACTIVITY

|                                       |  |
|---------------------------------------|--|
| <b>Conditions to Avoid</b>            | <b>Reacts strongly with acids. Contact with lime and moisture caustic soda. Must not be subjected to water</b> |
| <b>Materials to Avoid</b>             | <b>Aluminium and Zinc</b>  |
| <b>Hazards Decomposition Products</b> | <b>Toxic Fumes of Na2O</b>   |

**11 TOXICOLOGICAL INFORMATION****Acute Oral LD50****Inhalation****Skin Irritation****Eye irritation****12 ECOLOGICAL INFORMATION****General****Product is readily biodegradable****Do not allow to contaminate water courses****13 DISPOSAL****Unused Material****Dispose of small quantities as household waste but in accordance with any regional and national regulations****Packaging****In accordance with any regional and national regulations****14 TRANSPORT INFORMATION**

This product is not classified as hazardous under United Nations Transport Recommendations

**15 REGULATORY INFORMATION****Warning Symbols****Xn Irritant****Warning Words****-****Risk Phrases****R36 Irritating eyes****Safety Phrases****R22 Do not breathe dust****S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice**

**Note:** The regulatory information given above only indicates the principle regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

**16 OTHER INFORMATION****Legal Disclaimer**

The information contained in this data is accurate to the best of our knowledge and is intended to describe our products from the point of view of Health and Safety requirements. It should not, therefore, be construed as guaranteeing any specific properties. Colourcraft C & A Ltd shall not be held liable for any damage resulting from handling or from contact with the above product.

**Abbreviations:****N/A = Not applicable****N/k = Not Known****N/D = Not determined**