

SDS**Safety Data Sheet****JorVet™**
Soda Lime
Carbon Dioxide Absorbent Granules

Product Code J0553, J0553B, J0553C

Submission Date: 06/03/15

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| 2 HAZARDS IDENTIFICATION | |
|--------------------------|--|
| 2.1 | Classification of the substance or mixture |
| 2.1.1 | Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS) – see section 11 |
| | 2.1.2 Classification according to EC – see section 11 |
| | Skin irrit 2 H315 Xi R36/38 |
| | Eye irrit 2 H319 |
| 2.1.3 | Labelling in accordance with EC Directives 67/548/EEC and 1999/45/EC (CHIP 4) |
| 2.2 | Labelling Elements |
| 2.2.1 | Physicochemical According to experience, the product is considered to have no adverse physicochemical properties if handled in the correct manner. |
| | Health Irritating to eyes and skin |
| | Environmental According to experience, the product is considered to have no adverse affect on the environment if handled in the correct manner. |
| 2.2.2 | Labelling in accordance with EC Regulation No 1272/2008 (CLP/GHS) |
| | Hazard Statements |
| | H315 Causes skin irritation |
| | H319 Causes serious eye irritation |
| | Precautionary statements |
| | P280 Wear protective gloves/protective clothing/ eye protection/ face protection |
| | P314 Seek medical advice/attention if you feel unwell |

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| | P302/352 | If on skin: wash with plenty of soap and water |
| | P305/351/338 | If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. |
| | P332/313 | If skin irritation occurs seek medical advice/attention. |
| 2.3 | Other Hazards | |
| | None known | |

| 3 COMPOSITION / INFORMATION ON INGREDIENTS | | | | | |
|--|---------------------------|---|---------------|--|---------------|
| | Chemical characterisation | Solid bases plus additives – see section 16 The CHIP/CLP classifications required in this section are related to that of the product supplied. To comply with the legislation the classification of the relevant ingredients of the product, as if they were present at 100%, must be outlined. Where ingredients are present in the product at very low concentrations the level of risk to the user is reduced, hence the reason that the classifications for the individual components and the product are different | | | |
| | Chemical Name | CAS-No | EINECS/ELINCS | Classification | Concentration |
| | Calcium Hydroxide | 1305-62-0 | 215-137-3 | CHIP: Xi: R38. 41 CLP: Skin Irrit. 2 H315 Eye Damage 1 H318 WEL assigned | >75% |

| 4 FIRST AID MEASURES | | |
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| 4.1 | Description of measures | |
| | Inhalation | Remove casualty to fresh air and provide warmth and rest |
| | Skin contact | Clean areas of skin affected immediately with soap and plenty of water. If necessary, seek medical advice |
| | Eye contact | Immediately wash out eye thoroughly with plenty of water until irritation subsides; consult an eye specialist/ophthalmologist |
| | Ingestion | Unlikely route of exposure. But if product is swallowed, do not induce vomiting. Drink plenty of water and, if necessary, seek medical advice |
| 4.2 | Most important effects/symptoms | None known |
| 4.3 | Immediate/special treatment | Treatment as described above |

| 5 FIRE FIGHTING MEASURES | | |
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| 5.1 | Extinguishing media | To suit local surroundings (e.g. chemical powder, carbon dioxide, dry sand, water) |
| 5.2 | Special hazards | None known |
| 5.3 | Advice for fire fighters | Self-contained breathing apparatus may be required |

| 6 ACCIDENTAL RELEASE MEASURES | | |
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| 6.1 | Personal precautions | Adhere to personal protective measures |
| 6.2 | Environmental precautions | Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once |
| 6.3 | Methods and materials for cleaning up | In the event of spillage, take up mechanically (e.g. sweep or vacuum up) into tightly closed containers. Adhere to personal protective measures. Flush any remainder with plenty of water. Label container and dispose of as prescribed |
| 6.4 | Reference to other sections | See section 8 for personal protective equipment |

| 7 HANDLING AND STORAGE | | |
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| 7.1 | Precautions for safe handling | Handle in accordance with good hygiene and safety practice. Avoid the raising and deposition of dust |
| 7.2 | Conditions for safe storage | Ensure adequate ventilation of the storage area. Keep containers tightly closed, cool (0-35°C) and dry, avoiding direct sunlight |
| 7.3 | Specific end use(s) | As an absorbing agent |

| 8 EXPOSURE CONTROLS / PERSONAL PROTECTION | | | | | |
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| 8.1 Workplace Exposure Limits (WELs) have been assigned by the HSE (EH40/2005) | | | | | |
| | LTEL (8 hour TWA | ppm | 5 | mg/m ³ | Data for Calcium Hydroxide |
| 8.2 Exposure controls | | | | | |
| | Engineering controls | Provide adequate ventilation (e.g. local exhaust ventilation) | | | |
| | Personal protection | Observe normal standards for handling chemicals Wash hands before breaks and after work Avoid inhalation of dust if raised Wear personal protective equipment appropriate to the task (see below) | | | |
| | Eye protection | Safety goggles if risk of eye contamination | | | |

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| | Skin protection | Suitable gloves (consider your own risk assessment; e.g. breakthrough times, rates of diffusion and degradation, tasks undertaken) |
| | Respiratory protection | Approved dust mask or respirator (e.g. EN 149:2001 FFP3) for dust if ventilation is insufficient |
| | Other protection | Protective overalls |

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| 9 | PHYSICAL AND CHEMICAL PROPERTIES | | | |
| 9.1 | Basic physical and chemical properties | | | |
| | Physical form | Solid | Colour | White or coloured |
| | Odour | Odourless | pH | 12-14 |
| | Boiling pt/range | Not determined | Melting pt/range | Not determined |
| | Flash point | Not applicable | Relative density | ~0.9g/cm ³ |
| | Water solubility | Slight | | |
| 9.2 | Other information | None | | |

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| 10 | STABILITY AND REACTIVITY | |
| 10.1 | Reactivity | Heat is generated if exposed to acids |
| 10.2 | Chemical stability | Stable under normal conditions of handling |
| 10.3 | Hazardous reactions | Hazardous polymerisation will not occur |
| 10.4 | Conditions to avoid | Contact with air – formation of calcium and sodium carbonate |
| 10.5 | Incompatible material | Chloroform, trichloroethylene |
| 10.6 | Hazardous decomposition products | None |

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| 11 | TOXICOLOGICAL INFORMATION | | | |
| 11.1 | Information on toxicological effects | | | |
| | | LD50 rat (oral) | >7000 mg/kg | Data for calcium hydroxide |
| | Dermal compatibility | No data available | | |
| | Mucous membrane | No data available | | |
| | Further information | Although using the 'conventional method' under CHIP or 'specific concentration' limits under CLP, the product classification would be 'corrosive', using EU official in vitro tests on the whole product, it was found to be irritating to eyes and skin, not corrosive | | |

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| 12 | ECOLOGICAL INFORMATION | | | | |
| 12.1 | Toxicity | LC50 | Aquatic | mg/l | No data available |

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| | | | organisms | | |
| 12.2 | Degradability | Not determined | 12.3 | Bioaccumulative potential | Not determined |
| 12.4 | Mobility in soil | Not determined | 12.5 | PBT/vPvB assessment | Not applicable |
| 12.6 | Other adverse effects | None known – converts to naturally occurring minerals | | | |

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| 13 | DISPOSAL CONSIDERATIONS | | | | |
| | Advice on disposal | If possible, recycle to supplier or approved recycling company. If not (e.g. designated as waste), dispose of in accordance with national and local authority regulations, e.g. The Hazardous Waste (England & Wales) Regulations 2005 | | | |
| | Contaminated packaging | Treat empty containers in the same way as the product. If possible wash out thoroughly and recycle | | | |

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| 14 | TRANSPORT INFORMATION | | | | |
| 14.1 | United Nations number (ADR, IMDG, IATA) | Not classified | 14.2 | Proper shipping name (ADR, IMDG, IATA) | Not classified |
| 14.3 | Transport class(s) (ADR, IMDG, IATA) | Not classified | 14.4 | Packing group (ADR, IMDG, IATA) | Not classified |
| 14.5 | Environmental hazards (ADR, IMDG, IATA) | The product should not be marked as a marine pollutant | 14.6 | Special procedures (ADR, IMDG, IATA) | Not applicable |
| 14.7 | Transport in bulk | Not applicable | | | |

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| 15 | REGULATORY INFORMATION | |
| 15.1 | Safety, health and environmental regulations | The product is classified in accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations (CHIP 4) and EC Regulation 1272/2008 (CLP). Other regulatory information and provisions are not applicable for this product |
| 15.2 | Chemical safety assessment | Not applicable |

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| 16 | OTHER INFORMATION |
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| Further information | The SDS has been revised in accordance with EC Regulation 1272/2008 (CLP) | | |
| | Comply with COSHH Regulations | | |
| Hazard statements and Risk phrases referred to in sections 2/3 | | | |
| H314 | Causes severe skin burns and eye damage | R35 | Causes severe burns |
| H315 | Causes skin irritation | R36/38 | Irritating to eyes and skin |
| H318 | Causes serious eye damage | R41 | Risk of serious damage to eyes |
| H319 | Causes serious eye irritation | | |
| Sources of data | Other suppliers' safety data sheets, Annex VI of the CPL Regulation (EC) No 1272/2008, EH40 (2005) OECD 431, 2004 Testing of chemicals, in vitro skin corrosion, human skin test model | | |
| Date of issue | 11/12/2012 | | |
| This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific problems | | | |