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| Infosafe No™ | 1CHSM | Issue Date : April 2020 | RE-ISSUED by CHEMSUPP |
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Product Name : **TALC**

Classified as hazardous

1. Identification

| GHS Product Identifier | TALC | | | | | | | | | | |
|--|--|-------------|---------------------|---------|-------|--------|--|-----------|--|----------|--|
| Company Name | CHEM-SUPPLY PTY LTD (ABN 19 008 264 211) | | | | | | | | | | |
| Address | 38 - 50 Bedford Street GILLMAN SA 5013 Australia | | | | | | | | | | |
| Telephone/Fax Number | Tel: (08) 8440-2000 | | | | | | | | | | |
| Emergency phone number | CHEMCALL 1800 127 406 (Australia) / +64-4-917-9888 (International) | | | | | | | | | | |
| Recommended use of the chemical and restrictions on use | Ceramics; cosmetics and pharmaceuticals; filler in rubber, paints, soap, putty, plaster, oilcloth; abheraent; dusting agent; lubricant; paper; slate pencils and crayons; elctrical insulation. | | | | | | | | | | |
| Other Names | <table> <thead> <tr> <th><u>Name</u></th> <th><u>Product Code</u></th> </tr> </thead> <tbody> <tr> <td>TALC TG</td> <td>TT043</td> </tr> <tr> <td>Talcum</td> <td></td> </tr> <tr> <td>Soapstone</td> <td></td> </tr> <tr> <td>Steatite</td> <td></td> </tr> </tbody> </table> | <u>Name</u> | <u>Product Code</u> | TALC TG | TT043 | Talcum | | Soapstone | | Steatite | |
| <u>Name</u> | <u>Product Code</u> | | | | | | | | | | |
| TALC TG | TT043 | | | | | | | | | | |
| Talcum | | | | | | | | | | | |
| Soapstone | | | | | | | | | | | |
| Steatite | | | | | | | | | | | |

Other Information

Chem-Supply Pty Ltd does not warrant that this product is suitable for any use or purpose. The user must ascertain the suitability of the product before use or application intended purpose. Preliminary testing of the product before use or application is recommended. Any reliance or purported reliance upon Chem-Supply Pty Ltd with respect to any skill or judgement or advice in relation to the suitability of this product of any purpose is disclaimed. Except to the extent prohibited at law, any condition implied by any statute as to the merchantable quality of this product or fitness for any purpose is hereby excluded. This product is not sold by description. Where the provisions of Part V, Division 2 of the Trade Practices Act apply, the liability of Chem-Supply Pty Ltd is limited to the replacement of supply of equivalent goods or payment of the cost of replacing the goods or acquiring equivalent goods.

2. Hazard Identification

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| GHS classification of the substance/mixture | Carcinogenicity: Category 1 Specific Target Organ Toxicity - Single Exposure Category 1 |
| Signal Word (s) | DANGER |
| Hazard Statement (s) | H350 May cause cancer. H372 Causes damage to organs through prolonged or repeated exposure by inhalation. |
| Pictogram (s) | Health hazard |



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| Precautionary statement – Prevention | P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P260 Do not breathe dust/fume/gas/mist/vapours/spray. P270 Do not eat, drink or smoke when using this product. P281 Use personal protective equipment as required. |
| Precautionary statement – Response | P308+P313 IF exposed or concerned: Get medical advice/attention. P314 Get medical advice/attention if you feel unwell. |
| Precautionary statement – Storage | P405 Store locked up. |
| Precautionary statement – Disposal | P501 Dispose of contents/container to an approved waste disposal plant. |
| Other Information | The respirable fraction of free silica is less than 1%. |



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3. Composition/information on ingredients

| Chemical | Solid | | | | |
|------------------|--------------------------------------|------------|-------------------|----------------------|--------------------|
| Characterization | | | | | |
| Ingredients | <u>Name</u> | <u>CAS</u> | <u>Proportion</u> | <u>Hazard Symbol</u> | <u>Risk Phrase</u> |
| | Talc (containing no asbestos fibres) | 14807-96-6 | 90-100 % | | |
| | Chlorite/Dolomite | | 0-10 % | | |
| | Quartz (crystalline silica) | 14808-60-7 | 0-2 % | | |

4. First-aid measures

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| Inhalation | If inhaled, remove from contaminated area to fresh air immediately. Apply artificial respiration if not breathing. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear. |
| Ingestion | Rinse mouth thoroughly with water immediately. Give plenty of water to drink. Seek medical advice if effects persist. |
| Skin | Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. If symptoms develop seek medical attention. |
| Eye contact | Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical advice if effects persist. |
| First Aid Facilities | Maintain eyewash fountain and safety shower in work area. |
| Advice to Doctor | Treat symptomatically based on judgement of doctor and individual reactions of the patient. |
| Other Information | For advice, contact a Poisons Information Centre (Phone eg Australia 13 1126; New Zealand 0800 764 766) or a doctor at once. |

5. Fire-fighting measures

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| Hazards from Combustion Products | Smoke, fumes and dust may be generated in a large fire. |
| Specific Methods | Use extinguishing media most appropriate for the surrounding fire. No limitations to the type of extinguishing media. |
| Specific hazards arising from the chemical | The product is non-combustible, however the packaging may burn under fire conditions. Fire or heat may produce irritating, poisonous and/or corrosive gases. |
| Precautions in connection with Fire | Wear SCBA and chemical splash suit. Structural firefighter's uniform will provide limited protection. |

6. Accidental release measures

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| Personal Precautions | Avoid dust formation and avoid breathing dust. Avoid inhalation, contact with skin, eyes and clothing. |
| Personal Protection | Wear protective clothing specified for normal operations (see Section 8) |
| Clean-up Methods - Small Spillages | Sweep up (avoid generating dust) and remove to a suitable, clearly labelled container for disposal in accordance with local regulations. |
| Clean-up Methods - Large Spillages | Seek expert advice on handling and disposal. |

7. Handling and storage

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| Precautions for Safe Handling | Use in well ventilated areas away from all ignition sources. In case of insufficient ventilation, wear suitable respiratory equipment. Keep container tightly closed when not in use. Avoid generation or accumulation of dusts. Avoid prolonged or repeated contact with skin, eyes and clothing. Wash hands and face thoroughly after working with material. |
| Conditions for safe storage, including any incompatibilities | Store in well ventilated area. Store in a cool, dry place. Keep containers securely sealed and protected against physical damage. |

8. Exposure controls/personal protection

| Occupational exposure limit values | <u>Name</u> | STEL | TWA |
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| | | <u>mg/m3</u> | <u>ppm</u> | <u>mg/m3</u> | <u>ppm</u> | <u>Footnote</u> |
|---|---|--------------|------------|--------------|------------|----------------------|
| | Talc (containing no asbestos fibres) | | | 2.5 | | (as inspirable dust) |
| | Quartz (crystalline silica) | | | 0.1 | | |
| Other Exposure Information | These Workplace Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These workplace exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity. The exposure value at the TWA is the average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. | | | | | |
| Appropriate engineering controls | In industrial situations maintain the concentrations values below the TWA. This may be achieved by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods. | | | | | |
| Respiratory Protection | Where ventilation is not adequate, respiratory protection may be required. Avoid breathing vapours or mists. Select and use respirators in accordance with AS 1716 - Respiratory Protective Devices and be selected in accordance with AS 1715 - Selection, Use and Maintenance of Respiratory Protective Devices. When mists or vapours exceed the exposure standards then the use of the following is recommended: Approved respirator with organic vapour and dust/mist filters. Filter capacity and respirator type depends on exposure levels. | | | | | |
| Eye Protection | The use of a face shield, chemical goggles or safety glasses with side shield protection as appropriate. Must comply with Australian Standards AS 1337 and be selected and used in accordance with AS 1336. | | | | | |
| Hand Protection | Hand protection should comply with AS 2161, Occupational protective gloves - Selection, use and maintenance. | | | | | |
| Personal Protective Equipment | Personal protective equipment should not solely be relied upon to control risk and should only be used when all other reasonably practicable control measures do not eliminate or sufficiently minimise risk. Guidance in selecting personal protective equipment can be obtained from Australian, Australian/New Zealand or other approved standards. | | | | | |
| Footwear | Safety boots in industrial situations is advisory, foot protection should comply with AS 2210, Occupational protective footwear - Guide to selection, care and use. | | | | | |
| Body Protection | Clean clothing or protective clothing should be worn, preferably with an apron. Clothing for protection against chemicals should comply with AS 3765 Clothing for Protection Against Hazardous Chemicals. | | | | | |
| Hygiene Measures | Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using. | | | | | |

9. Physical and chemical properties

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| Form | Solid |
| Appearance | White or off-white powder with a pearly lustre. |
| Odour | Odourless. |
| Melting Point | 900 °C to 1000 °C. |
| Solubility in Water | Insoluble. |
| Solubility in Organic Solvents | Insoluble in cold acids or in alkalis. |
| Specific Gravity | 2.76 |
| pH | pH 9.2 (25 %, slurry) |
| Flammability | Non combustible material. |
| Other Information | High resistance to acids, alkalis and heat. |

10. Stability and reactivity

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|---------------------------------|------------------------------------|
| Chemical Stability | Stable under normal use conditons. |
| Conditions to Avoid | Moisture. Incompatibles. |
| Incompatible Materials | Strong oxidising agents. |
| Hazardous Polymerization | Will not occur. |

11. Toxicological Information



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| Ingestion | Ingestion of large amounts may irritate the gastric tract causing nausea and vomiting. |
| Inhalation | Inhalation may cause the drying and irritation of the respiratory tract. Acute aspiration of talc causes cough, dyspnea, sneezing, vomiting, cyanosis, and pulmonary oedema which may be delayed by up to several hours. |
| Skin | May be irritating in contact with skin causing dryness. May cause mild irritation in the case of some individuals with sensitive skin. |
| Eye | May cause eye irritation, redness and pain. |
| Respiratory sensitisation | Not classified based on available information. |
| Skin Sensitisation | Not classified based on available information. |
| Germ cell mutagenicity | Not classified based on available information. |
| Carcinogenicity | According to the IARC Talc (not containing asbestos fibers) is found in Group 3: Not classifiable as to its carcinogenicity to humans (515) Agents and groups of agents. This product contains a small proportion of respirable crystalline silica as quartz (<2%). Crystalline silica has been classified by IARC, International Agency for Research on Cancer as carcinogenic to humans by inhalation (Group 1). Furthermore crystalline silica can cause silicosis or other lung disease on prolonged exposure. Carcinogenicity: Category 1 H350 May cause cancer. |
| Reproductive Toxicity | Not classified based on available information. |
| STOT-single exposure | Specific Target Organ Toxicity - Single Exposure Category 1 H372 Causes damage to organs through prolonged or repeated exposure by inhalation. |
| STOT-repeated exposure | Not classified based on available information. |
| Chronic Effects | Repeated or prolonged skin contact may cause chronic dermatitis. Prolonged exposure may cause upper respiratory tract damage. Long term exposure may show wheezing, productive cough, limited chest expansion, scattered rales, cyanosis. Breathing of dust may aggravate asthma and inflammatory or fibrotic pulmonary disease. |
| Mutagenicity | No evidence of mutagenic properties. |

12. Ecological information

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| Ecotoxicity | No ecological data available for this product. Quantitative data on the ecological effect of this product are not available. |
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13. Disposal considerations

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| Disposal Considerations | Whatever cannot be saved for recovery or recycling should be disposed of according to relevant local, state and federal government regulations. |
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14. Transport information

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| Transport Information | Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. |
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15. Regulatory information

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| Regulatory Information | All of the significant ingredients in this formulation are compliant with NICNAS regulations. Not listed under WHS Regulation 2011, Schedule 10 - Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals. |
| Poisons Schedule | Not Scheduled |

16. Other Information

| | |
|------------------------------|--|
| Literature References | 'Standard for the Uniform Scheduling of Medicines and Poisons .', Commonwealth of Australia. Lewis, Richard J. Sr. 'Hawley's Condensed Chemical Dictionary 13th. Ed.', Rev., John Wiley and Sons, Inc., NY, 1997. National Road Transport Commission, 'Australian Code for the Transport of Dangerous Goods by Road and Rail 7th. Ed.', 2007. Safe Work Australia, 'National Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals', 2011. Standards Australia, 'SAA/SNZ HB 76:2010 Dangerous Goods - Initial Emergency Response Guide', Standards Australia/Standards New Zealand, 2010. |
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Safety Data Sheet

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**Contact
Person/Point**

Safe Work Australia, 'Approved Criteria for Classifying Hazardous Substances [NOHSC:1008 (2004)]'.
 Safe Work Australia, 'Hazardous Chemical Information System, 2005'.
 Safe Work Australia, 'National Code of Practice for the Labelling of Safe Work Hazardous Substances (2011)'.
 Safe Work Australia, 'National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995) 3rd Edition]'.
 Paul McCarthy Ph. (08) 8440 2000 **DISCLAIMER STATEMENT:**
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**Empirical Formula &
Structural Formula**

3MgO.4SiO2.H2O
...End Of MSDS...

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