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| 302 Grease Eliminator | SAFETY DATA SHEET RISALAH DATA KESELAMATAN | Revision No Nombor Penyemakan | 1 |
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| 1. Identification of Hazardous Chemical and of The Supplier | 1. Pengenalan Bahan Kimia dan Pembekal |
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| <p>Product Name : 302 Grease Eliminator Product Use : Grease Eliminator Manufacturer's Code : AB303(P)XX</p> <p>Manufacturer: Goodmaid Chemicals Corporation Sdn. Bhd. Lot 27B Lorong Bunga Tanjung 3/1, Senawang Industrial Park, 70400 Seremban, Negeri Sembilan.</p> <p>Telephone Number: 06-6771337 / 6771327</p> <p>Emergency Telephone Number : Dial 999, Bomba 994 (Please refer to the local emergency contact)</p> | <p>Nama produk : 302 Grease Eliminator Kegunaan : Penghapus gris Kod pengeluaran : AB303(P)XX</p> <p>Pengilang: Goodmaid Chemicals Corporation Sdn. Bhd. Lot 27B Lorong Bunga Tanjung 3/1, Senawang Industrial Park, 70400 Seremban, Negeri Sembilan.</p> <p>Nombor telefon: 06-6771337 / 6771327</p> <p>Nombor telefon kecemasan: Dial 999, Bomba 994 (Sila merujuk kepada nombor telefon kecemasan tempatan)</p> |
| 2. Hazard Identification | 2. Pengenalsn Bahaya |
| <p>Classification of the substance or mixture</p> <p>Skin corrosion/irritation category 1A Serious eye damage/eye irritation category 1</p> <p>Label elements</p> <p>Hazard pictograms :</p> <div style="text-align: center;">  </div> <p>Signal words : Danger</p> <p>Hazard Statements</p> <p>H314 Causes severe skin burns and eye damage H318 Causes serious eye damage</p> | <p>Klasifikasi bahan atau campuran</p> <p>Kakisan/kerengsaan kulit (Kategori 1A) Kerosakan pada mata/kerengsaan mata yang serius (Kategori 1)</p> <p>Unsur label</p> <p>Piktogram Bahaya:</p> <div style="text-align: center;">  </div> <p>Kata Isyarat : Bahaya</p> <p>Penyataan bahaya</p> <p>H314 Menyebabkan luka terbakar kulit dan kerosakan mata yang teruk H318 Menyebabkan kerosakan mata yang serius.</p> |

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| 302 Grease Eliminator | SAFETY DATA SHEET RISALAH DATA KESELAMATAN | Revision No Nombor Penyemakan | 1 |
|-----------------------|-------------------------------------------------------------|----------------------------------|---|

| 2. Hazard Identification | | | 2. Pengenalan Bahaya | | |
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| Precautionary Statements <ul style="list-style-type: none"> Do not breathe dust/fume/gas/mist/ vapours/spray. Wash hand thoroughly after handling. Wear protective gloves / protective clothing / eye protection / face protection. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. | | | Pernyataan langkah berjaga-jaga pencegahan <ul style="list-style-type: none"> Jangan sedut debu/wasap/gas/ kabut/wap/semburan. Basuh tangan bersih-bersih selepas mengendalikan bahan. Pakai sarung tangan pelindung/ pakaian pelindung/ perlindungan mata/perindungan muka. JIKA TERTELAN: Bilas mulut. JANGAN paksa mangsa muntah. JIKA TERKENA MATA: Bilas berhati-hati dengan air selama beberapa minit. Tanggalkan kanta lekap, jika ada dan dapat dilakukan dengan mudah. Teruskan membilas. Jika kerengsaan mata berterusan: Dapatkan nasihat/rawatan perubatan. JIKA TERKENA KULIT (atau rambut): Segera tanggalkan/buka semua pakaian yang tercemar. Basuh kulit dengan air/pancuran air. Basuh pakaian yang tercemar sebelum menggunakannya semula. JIKA TERSEDUT: Pindahkan mangsa ke kawasan berudara segar dan biarkan mangsa dalam keadaan rehat supaya mangsa dapat bernafas dengan selesa. | | |
| 3. Composition and information of the ingredients of the hazardous chemical | | | 3. Komposisi dan maklumat mengenai ramuan bahan kimia berbahaya | | |
| <u>Chemical Name</u> | <u>CAS No.</u> | <u>Proportion</u> | <u>Nama kimia</u> | <u>No. CAS</u> | <u>Kadaran</u> |
| Sodium Hydroxide | 1310-73-2 | > 60 % | Natrium Hidroksida | 1310-73-2 | > 60 % |
| Sodium Lauryl Sulfate | 151-21-3 | 1 - < 3% | Natrium Lauril Sulfate | 151-21-3 | 1 - < 3% |
| 4. First Aid Measures | | | 4. Langkah-langkah Pertolongan Cemas | | |
| Ingestion: Get medical attention Eye Contact: Flush with water for several minutes. Obtain medical attention if discomfort persists. Skin Contact: Wash with plenty of water Inhalation: Not applicable | | | Ingesan: Dapatkan rawatan perubatan. Sentuhan mata: Bilas dengan air selama beberapa minit. Dapatkan rawatan perubatan jika ketidakselesaan berlanjutan . Sentuhan kulit: Mencuci dengan air yang banyak. Sedutan: Tidak berkenaan | | |

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| 302 Grease Eliminator | SAFETY DATA SHEET RISALAH DATA KESELAMATAN | Revision No Nombor Penyemakan | 1 |
| 5. Fire Fighting Measures | | 5. Langkah-langkah pemadaman kebakaran | |
| Extinguishing Media: Water / spray CO ₂ / dry chemical or universal type foams Fire Fighting Instruction: Wear suitable self protective clothing & equipment. As per appropriate for surrounding fire, water spray should be used to cool containers. Special Hazards: Will not occur | | Media pemadaman: Air/Sembur CO ₂ /kimia kering atau buih jenis universal Arahan pencegahan api: Pakai pakaian atau alat perlindungan diri yang sesuai. Sesuai untuk api di sekeliling, penyembur air harus digunakan untuk menyejukkan bekas. Bahaya-bahaya utama: Tidak akan berlaku. | |
| 6. Accidental Release Measures | | 6. Langkah-langkah pengawalan tidak sengaja | |
| Personal Precaution: Wear chemical resistant glove, goggle, respirator & protective clothing if needed. Environmental: Keep away from drainage system. Methods and materials for containment and cleaning up Small Spillages: Flush away spillage with plenty of water. Large Spillages: Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely. | | Langkah berjaga-jaga peribadi: Pakai sarung tangan tahan kimia, kanta mata keselamatan, alat pernafasan & pakaian pelindung jika diperlukan. Alam sekitar: Jauhkan daripada sistem perparitan Kaedah dan bahan bagi pembendungan dan pembersihan Tumpahan kecil: Basuh tumpahan dengan air yang banyak. Tumpahan besar: Kumpul dan serap tumpahan dengan pasir, bumi atau bahan tidak mudah terbakar yang lain. Kumpulkan dan letakkan dalam bekas pelupusan sisa yang sesuai dan meterai dengan selamat. | |
| 7. Handling and Storage | | 7. Pengendalian dan Penyimpanan | |
| Precautions for safe handling: Avoid contact with skin and eyes. Wash hand thoroughly after handling. Condition for safe storage: Avoid heat and keep container closed. | | Langkah berjaga-jaga bagi pengendalian selamat: Mengelak daripada terkena kulit dan mata. Basuh tangan bersih-bersih selepas pengendalian. Keadaan bagi penyimpanan selamat: Mengelak daripada kepanasan dan bekas mesti ditutup. | |

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| 302 Grease Eliminator | SAFETY DATA SHEET RISALAH DATA KESELAMATAN | Revision No Nombor Penyemakan | 1 |
| 8. Exposure Control and Personal Protection | | 8. Kawalan Pendedahan dan Perlindungan | |
| Control Parameter: Permissible Exposure limit : Not Applicable Biological Exposure limit : Not Applicable Engineering Control : Not required Personal Protective Equipment: Eye : Wear safety glasses Skin : Wear protective clothing and gloves Respiratory : None required where adequate ventilation condition exist | | Parameter Kawalan: Had Pendedahan Terizin : Tidak berkenaan Had pendedahan biologikal : Tidak berkenaan Pengawalan kejuruteraan : Tidak perlu Alat Perlindungan diri : Mata : Pakai kaca mata keselamatan Kulit : Pakai sarung tangan dan pakaian perlindungan diri Sedutan : Tidak perlu perlindungan khas jika keadaan pengaliran udara adalah mencukupi | |
| 9. Physical and Chemical Properties | | 9. Sifat Fizikal dan Kimia | |
| Appearance : White solid (micropearls) Odour : Not Applicable pH : ≥ 12.0 Melting Point ($^{\circ}\text{C}$) : Not Applicable Boiling Point ($^{\circ}\text{C}$) : No Data Available Flash Point : Not known Evaporation Rate (As H_2O) : No Data Available Flammability (solid, gas) : Not Applicable Flammable Limit (%) : No Data Available Vapour Pressure (mm of Hg at 25°C) : Not Applicable Vapour Density (Air = 1) : Not Applicable Relative Density: No data available Solubility : Soluble in water Partition coefficient:n-octanol/water : No Data Available Auto Ignition Temperature : No Data Available Decomposition temperature : No Data Available Specific Gravity ($\text{H}_2\text{O} = 1$) : Not Applicable Viscosity : Not Applicable | | Rupa : Solid putih (<i>micropearls</i>) Bau : Tidak berkenaan pH : ≥ 12.0 Takat lebur ($^{\circ}\text{C}$) : Tidak berkenaan Takat didih ($^{\circ}\text{C}$) : Tiada data diperolehi Takat kilat : Tidak diketahui Kadar penyejatan (banding dengan air: Tiada data diperolehi Kemudahbakaran (pepejal,gas) : Tidak berkenaan Had kemudahbakaran(%) : Tiada data diperolehi Tekanan wap (mm of Hg pada 25°C) : Tidak berkenaan Ketumpatan wap (udara = 1) : Tidak berkenaan Ketumpatan bandingan : Tiada data diperolehi Kebolehlarutan : Larut dalam air Pekali sekatan: n-oktanol/air : Tiada data diperolehi Suhu pengautocucuhan : Tiada data diperolehi Suhu penguraian : Tiada data dipeolehi Graviti tentu ($\text{H}_2\text{O} = 1$) : Tidak berkenaan Kelikatan : Tidak berkenaan | |

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|-----------------------|-------------------------------------------------------------|----------------------------------|---|
| 302 Grease Eliminator | SAFETY DATA SHEET RISALAH DATA KESELAMATAN | Revision No Nombor Penyemakan | 1 |
|-----------------------|-------------------------------------------------------------|----------------------------------|---|

| 10. Stability and Reactivity | 10. Kestabilan dan Kereaktifan |
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| <p>Reactivity: Reacts with acidic material</p> <p>Chemical stability: Stable under normal conditions.</p> <p>Condition to Avoid: Do not mix with acid cleaners. Do not use on aluminium or painted surfaces.</p> <p>Incompatibles: No Data Available</p> <p>Hazardous Decomposition Products : No Data Available</p> | <p>Kereaktifan: Bertindak balas dengan bahan asidik</p> <p>Kestabilan bahan: Stabil dibawah keadaan normal</p> <p>Keadaan yang perlu dielak: Jangan campurkan dengan pencuci asidik. Jangan gunakan pada permukaan aluminium atau cat.</p> <p>Bahan tak serasi: Tiada data diperolehi</p> <p>Produk penguraian berbahaya: Tiada data diperolehi</p> |
| 11. Toxicological Information | 11. Maklumat Toksikologi |
| <p>Acute toxicity: No data available</p> <p>Skin corrosion or irritation: Causes severe skin burns and eye damage category 1A Mixture pH is ≥ 12.0</p> <p>Serious eye damage or eye irritation: Causes serious eye damage category 1 Mixture pH is ≥ 12.0</p> <p>Respiratory sensitization: Not applicable</p> <p>Skin sensitization: Not applicable</p> <p>Germ cell mutagenicity: Not applicable</p> <p>Carcinogenicity: Not applicable</p> <p>Reproductive toxicity: Not applicable</p> | <p>Ketoksikan akut: Tiada data diperolehi</p> <p>Kakisan atau kerengsaan kulit: Menyebabkan luka terbakar kulit dan kerosakan mata yang teruk Kategori 1. pH campuran adalah ≥ 12.0</p> <p>Kerosakan atau kerengsaan mata yang serius: Menyebabkan kerosakan mata yang teruk kategori 1 pH campuran adalah ≥ 12.0</p> <p>Pemekaan pernafasan: Tidak berkenaan</p> <p>Pemekaan kulit; Tidak berkenaan</p> <p>Kemutagenan sel germa; Tidak berkenaan</p> <p>Kekarsinogenan; Tidak berkenaan</p> <p>Ketoksikan pembiakan; Tidak berkenaan</p> |

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| 11. Toxicological Information | | 11. Maklumat Toksikologi | |
| <i>Specific target organ toxicity (STOT) – single exposure:</i> Not known | | <i>Ketoksikan organ sasaran khusus (STOT) – pendedahan tunggal:</i> Tidak diketahui | |
| <i>Specific target organ toxicity (STOT) – repeated exposure:</i> Not known | | <i>Ketoksikan organ sasaran khusus (STOT) – pendedahan berulang:</i> Tidak diketahui | |
| <i>Aspiration hazard:</i> Not known | | <i>Bahaya aspirasi:</i> Tidak diketahui | |
| 12. Ecological Information | | 12. Maklumat Ekologi | |
| <i>Ecotoxicity:</i> No Data Available | | <i>Keekotoksikan:</i> Tiada data diperolehi | |
| <i>Persistence and degradability :</i> No Data Available | | <i>Tetap dan Kebolehbiorosotan:</i> Tiada data diperolehi | |
| <i>Bioaccumulative potential:</i> No Data Available | | <i>Pembiotumpukan:</i> Tiada data diperolehi | |
| <i>Mobility in soil:</i> No Data Available | | <i>Kebolehgerakan:</i> Tiada data diperolehi | |
| 13. Disposal Information | | 13. Maklumat Pembuangan | |
| <i>Waste for residues</i> Entrust disposal product to industrial waste disposal contractor. | | <i>Sisa buangan</i> Menyerahkan produk buangan kepada kontraktor pelupusan sisa industri. | |
| <i>Used container</i> Disposal should be done in accordance with local, state, and national laws. | | <i>Bekas terpakai</i> Pelupusan perlu dilakukan menurut undang-undang tempatan, negeri dan kebangsaan | |

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|------------------------------|-------------------------------------------------------|----------------------------------|----------|
| 302 Grease Eliminator | SAFETY DATA SHEET RISALAH DATA KESELAMATAN | Revision No Nombor Penyemakan | 1 |
|------------------------------|-------------------------------------------------------|----------------------------------|----------|

| 14. Transport Information | 14. Maklumat Pengangkutan |
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| <p>a) UN Number: UN 1823</p> <p>b) UN proper shipping name: Sodium Hydroxide, Solid</p> <p>c) Transport hazard class: Class 8</p> <p>d) Packing group: Packing group II</p> <p>e) Environmental hazards: No</p> <p>f) Transport in bulk: No Data Available</p> <p>g) Special precaution: No Data Available</p> | <p>a) Nombor UN : UN 1823</p> <p>b) Nama penghantaran sah PBB. Natrium Hidroksida, Pepejal</p> <p>c) Kelas bahaya pengangkutan. Kelas 8</p> <p>d) Kumpulan pembungkusan, jika berkenaan Kumpulan pembungkusan II</p> <p>e) Bahaya alam sekitar Tidak</p> <p>f) Pengangkutan secara pukal Tiada data diperolehi</p> <p>g) Langkah berjaga-jaga khas Tiada data diperolehi</p> |
| 15. Regulatory Information | 15. Maklumat Pengawalan |
| <p><i>Safety, health and environmental regulations/legislation specific for the substance or mixture:</i></p> <p>Occupational Safety and Health (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals) Regulations 2013.</p> <p>ICOP (INDUSTRY CODE OF PRACTICE) on Chemicals Classification and Hazard Communication 2014</p> | <p><i>Peraturan keselamatan, kesihatan dan alam sekitar khusus untuk bahan atau campuran:</i></p> <p>Peraturan Malaysia: Peraturan-Peraturan Keselamatan dan Kesihatan Pekerjaan (Pengelasan, Pelabelan dan Helaian Data Keselamatan Bahan Kimia Berbahaya) 2013</p> <p>Tataamalan Industri Mengenai Pengelasan Bahan Kimia dan Komunikasi Hazard 2014</p> |

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| 302 Grease Eliminator | SAFETY DATA SHEET RISALAH DATA KESELAMATAN | Revision No Nombor Penyemakan | 1 |
| 16. Other Information | | 16. Maklumat lain | |
| Date of preparation : 01.10.2018 Date of revision : 01.08.2022 Reference material: <ul style="list-style-type: none"> ECHA European Chemicals Agency PubChem Open Chemistry Database Disclaimer: The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief accurate as the date indicated. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. | | Tarikh penyediaan : 01.10.2018 Tarikh penyemakan : 01.08.2022 Bahan rujukan: <ul style="list-style-type: none"> ECHA European Chemicals Agency PubChem Open Chemistry Database Maklumat Kawalan Selia: Maklumat yang terkandung di dalam Risalah Data Keselamatan Kimia ini adalah sejajar dengan tahap pengetahuan kami pada masa ianya diterbitkan. Maklumat yang diberikan adalah untuk panduan keselamatan dalam pengendalian, penggunaan, penyimpanan, pengangkutan, perlupusan serta perlepasan dan bukan sebagai waranti atau spesifikasi kualiti. Maklumat berkenaan hanya merujuk kepada bahan ini sahaja dan tidak sah jika bahan ini digunakan bersama bahan lain atau di proses lain, kecuali ditentukan dalam teks . | |