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BC-023 Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision Date: 10/25/2018 SDS Revision: 1.1 1. PRODUCT & COMPANY IDENTIFICATION RIG[®] UNIVERSAL[™] GUN GREASE 11 Product Name NZ DISTRIBUTOR Steve's Wholesale Ltd. Units 5 – 7 / 408 The Esplanade 1.2 Chemical Name Mixture Island Bay Wellington 6023 1.3 Synonyms 30002, 40020, 40027, 40045 team@steveswholesale.nz RIG[®] Universal[™] Gun Grease 1.4 Trade Names: **Emergency Contact: Steve Collings** Product Use: 1.5 Lubricant Grease 0800 303 303 Distributor's Name: 1.6 Birchwood Casey, LLC 0274 905 708 Distributor's Address: 3260 Winpark Drive, New Hope, MN., 55427 USA 1.7 Poison Control 0800 POISON (0800 764 766) 1.8 Emergency Phone: ChemTrec +1 (800) 424-9300 / +1 (703) 527-3887 or Poison Control Center +1 (866) 291-7152 +1 (952) 388-6717 1.9 Business Phone / Fax: 2. HAZARDS IDENTIFICATION 2.1 Hazard Identification: This product is classified as a HAZARDOUS SUBSTANCE and as DANGEROUS GOODS according to the classification criteria of NOHSC: 1088 (2004) and ADG Code (Australia). DANGER! MAY CAUSE CANCER. CAUSES SERIOUS EYE IRRITATION. Classification: Carc. 1A; Causes serious eye irritation. 22 Label Elements: Hazard Statements (H): H350 - May cause cancer. H319 - Causes serious eye irritation. Precautionary Statements (P): P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P264 - Wash thoroughly after P280 - Wear protective gloves/protective clothing/eye protection/face protection. P305+P351+P338 - IF IIN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention. P308+P313 - IF exposed or concerned: Get medical advice/attention. P405 - Store locked up. P501 - Dispose of contents/container through licensed treatment, storage or disposal facility. 2.3 Other Warnings: In the event of an exposure or medical inquiry involving this product, please contact a physician or local poison control center, who may seek advice from the U.S. manufacturer, and show them this SDS KEEP OUT OF REACH OF CHILDREN. 3. COMPOSITION & INGREDIENT INFORMATION EXPOSURE LIMITS IN AIR (mg/m³) **ACGIH** NOHSC OSHA ppm ppm ppm ES. FS-ES. CHEMICAL NAME(S) RTECS No **EINECS No** TLV STEL PEL STEL IDLH OTHER CAS No. TWA STEI PEAK SE6780000 60-75 8009-03-8 232-373-2 NA NA NF NF NF NA NA NA **PETROLATUM** Carc. 1B; H350 93820-59-8 NA 298-640-0 10-20 NA NA NF NF NF NA NA NA SODIUM ALKYL ARYL SULFONATE Eye Irrit. 2; H319 NA NA 5 NF NF NF NA 5 10 OIL MIST DISTILLATES, PETROLEUM, 64742-46-7 264-148-2 1.0-10 HYDROTREATED MIDDLE Carc. 1B: H350 DISTILLATES (PETROLEUM), 64742-53-6 NA 265-156-6 1.0-10 (5) (10) (5) NA NA (5) NA NA OIL MIST HYDROTREATED LIGHT Carc. 1B: H350 NAPHTHENIC ' * contains less than 3% Dimethyl Sulfoxide 4. FIRST AID MEASURES 4 1 First Aid: DO NOT INDUCE VOMITING. Contact Poison Control Center +1 (866) 291-7152 or the nearest Poison Ingestion: Control Center or local emergency telephone number for assistance and instructions. Seek immediate medical attention. If vomiting occurs spontaneously, keep victim's head lowered (forward) to reduce the If product gets in the eyes, flush eyes thoroughly with copious amounts of water for at least 15 minutes, Eyes: holding eyelid(s) open to ensure complete flushing. If the eyes or face become swollen during or following use, consult a physician or emergency room immediately. Remove contaminated clothing and wash affected areas with soap and water. If discomfort persists and/or Skin: the skin reaction worsens, contact a physician immediately. Do not wear contaminated clothing until after it

Remove victim to fresh air at once. Under extreme conditions, if breathing stops, perform artificial

If product is swallowed, may cause nausea, temporary gastrointestinal irritation. Vomiting and/or diarrhea.

Moderately irritating to the eyes. Symptoms of overexposure may include redness, itching, irritation and

May be irritating to skin. The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) in

has been properly cleaned.

some sensitive individuals

None expected.

respiration. Seek immediate medical attention.

Inhalation:

Ingestion:

Inhalation:

Eyes: Skin:

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Effects of Exposure:



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| 4.4 4.5 4.6 4.7 | Symptoms of Overexposure: | Skin: Redness, burning, itc | | | | | | | | | |
|--------------------------|---|--|--|--|---|--|---|--|---|-----------------------------------|--|
| 4.5 | | Eyes: Redness, burning, irritation, and swelling around eyes. Skin: Redness, burning, itching, rash, and scaling of the skin (dermatitis). Ingestion: Inhalation: Coughing, wheezing, swelling of throat, irritation in mucous membranes, difficulty breathing. | | | | | | | | | |
| 4.6 | Acute Health Effects: | Moderate irritation to eyes and skin near affected areas. Additionally, high concentrations of vapors can cause drowsiness, dizziness, headaches and nausea. | | | | | | | | | |
| | Chronic Health Effects: | The material may accentuate any | pre-existir | ng derm | atitis condi | ition. | | | | | |
| 4.7 | Target Organs: | Eyes, Skin, Respiratory System | • | U | | | | | | | |
| | Medical Conditions Aggravated by Exposure: | Persons with pre-existing skin of kidney function may be more susc | | | | | | | | | 3 |
| | | , | • | | | | FLA | MMABI | | | 1 |
| | | | | | | | PHY | SICAL | HAZARI | os | 0 |
| | | | | | | | PRO | TECTIV | Æ EQUI | PMENT | В |
| | | | | | | | EYES | S S | KIN | | |
| | | 5. FIREF | FIGHTI | NG N | /IEASU | RES | | | | | |
| 5.1 | Fire & Explosion Hazards: | This product is not flammable. It temperatures to form toxic gases (| | | ed in a fir | e, this pro | oduct ma | y decom | pose at | high | |
| 5.2 | Extinguishing Methods: | Carbon dioxide, foam, low velocity | / water foo | g, Halon | | | | | | | |
| 5.3 | Firefighting Procedures: | As with any fire, firefighters should wear appropriate protective equipment including a MSHA/NIOSH approved or equivalent self-contained breathing apparatus (SCBA) and protective clothing. Treat as hot oil. Hazardous decomposition products may be released. Thermal degradation may produce oxides of carbon, and/or nitrogen, hydrocarbons and/or derivatives. Fire should be fought from a safe distance. Keep containers cool until well after the fire is out. Use water spray to cool fire-exposed surfaces and to protect personal. Fight fire upwind. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. | | | | | | | | | |
| ' | | | | | - | - | | | | ı | |
| | | 6. ACCIDEN | ΓAL RI | ELEA | SE ME | EASUR | ES | | | | |
| | | absorbent material and place into local, state and federal regulation soap. Remove any contaminated For <u>large spills</u> (e.g., ≥ 1 gallon material (e.g., sand or earth). Us recovery or disposal and solid dik promptly and wash affected skin | ns. Wash clothing a (3.8 L)), se ONLY r ing materi | all affe and was deny e non-spa al to se | ected areas h thorough ntry to all rking tools parate con | s and out ly before r unprotect for recove tainers for | side of control euse. ed individery and control proper control | ontainer duals. E leanup. disposal. | with plen Dike and Transfer Remove | contain : liquid to contami | rm water ar spill with ine containers f nated clothir |
| | | and open bodies of water. | | | | | | | | | |
| | | 7. HANDLING | & STC | RAG | E INFO | ORMA ⁻ | ΓΙΟΝ | | | | |
| 7.1 | Work & Hygiene Practices: | Avoid prolonged contact with the product. Avoid breathing vapors of this product. Use in a well-ventilated location (e.g., local exhaust ventilation, fans). After use, wash hands and exposed skin with soap and water. Do not eat, drink or smoke while handling product. | | | | | | | | | |
| 7.2 | Storage & Handling: | Keep this material away from heat, sparks and open flame. Open containers slowly on a stable surface. Keep container closed tightly when not in use. Empty container may contain residual amounts of this product; therefore, empty containers should be handled with care. Store containers in a cool, dry location, away from direct sunlight, other light sources, or sources of intense heat. Storage temperature: 32 - 120 °F (0-49 °C). Take precautionary measures against static discharge. Store away from incompatible materials (See Section 10). | | | | | | | | | |
| 7.3 | Special Precautions: | Open containers slowly on a stal contain residual amounts of this pr | | | | | | | | Empty co | ontainers ma |
| | | 8. EXPOSURE CONT | ROLS | & PE | RSON | AL PR | OTEC | CTION | | | |
| 3.1 | Exposure Limits: | | ACG | | | NOHSC | | | OSHA | | OTHER |
| | ppm (mg/m³) | CHEMICAL NAME(S) | TLV | STEL | ES-TWA | ES- STEL | ES- PEAK | PEL | STEL | IDLH | |
| | | DISTILLATES, PETROLEUM, HYDROTREATED MIDDLE | NA NA | 5 | NF | NF | NF | NA | 5 | 10 | OIL MIST |
| | | DISTILLATES (PETROLEUM), HYDROTREATED LIGHT NAPHTHENIC | (5) | (10) | (5) | NA | NA | (5) | NA | NA | OIL MIST |



11.9

Physician Recommendations:

Treat symptomatically.

SAFETY DATA SHEET

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Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, GHS & 1272/2008/EC Standards SDS Revision Date: 10/25/2018 SDS Revision: 1.1 12. ECOLOGICAL INFORMATION 12.1 Environmental Stability: There are no specific data available for this product. 12.2 Effects on Plants & Animals There are no specific data available for this product. 12.3 Effects on Aquatic Life There are no specific data available for this product. 13. DISPOSAL CONSIDERATIONS 13.1 Waste Disposal: Review current local, state and federal laws, codes, statutes and regulations to determine current status and appropriate disposal method for the ingredients listed in Section 2. Any disposal practice must be in compliance with local, state, and federal laws and regulations. Contact the appropriate agency for specific information. Treatment, transport, storage and disposal of hazardous waste must be provided by a licensed facility or waste hauler. 13.2 Special Considerations: NA 14. TRANSPORTATION INFORMATION The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR 49 CFR (GND): NOT REGULATED 14.2 IATA (AIR): **NOT REGULATED** 14.3 IMDG (OCN): **NOT REGULATED** TDGR (Canadian GND): 14.4 **NOT REGULATED** ADR/RID (EU): 14.5 NOT REGULATED SCT (MEXICO): 14.6 **NOT REGULATED** ADGR (AUS): 14.7 **NOT REGULATED** 15. REGULATORY INFORMATION 15.1 SARA Reporting This product does not contain any substances subject to SARA Title III, Section 313 reporting requirements. Requirements 15.2 SARA TPQ: There are no specific Threshold Planning Quantities for the components of this product 15.3 TSCA Inventory Status: The components of this product are listed on the TSCA Inventory. 15.4 CERCLA Reportable Quantity NA 15.5 Other Federal Requirements: NA 15.6 Other Canadian Regulations: This product has been classified according to the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. WHMIS Class D2B (Other Toxic Effects). 15.7 State Regulatory Information: Petrolatum is found on the following state criteria list: Pennsylvania Right to Know (PA), and New Jersey Right to Know (NJ). No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Washington Permissible Exposures List (WA), Wisconsin Hazardous Substances List (WI) 15.8 Other Requirements: This product does not contain any chemicals known to the State of California to cause cancer or

other reproductive harm. For more information go to www.P65Warnings.ca.gov.



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| | | 16. OTHER INFO | ORMATION SW revised 30.12.2020 | |
|------|----------------------|---|--|--|
| 16.1 | Other Information: | until all safety precautions have been read gloves/protective clothing/eye protection/face pro Remove contact lenses, if present and easy to do | FERRITATION. Obtain special instructions before use. Do not handle and understood. Wash thoroughly after handling. Wear protective bection. IF IIN EYES: Rinse cautiously with water for several minutes. b. Continue rinsing. If eye irritation persist: Get medical advice/attention. Itention. Store locked up. Store in a well-ventilated place. Keep cool. HILDREN. | |
| 16.2 | Terms & Definitions: | See last page of this Safety Data Sheet. | | |
| 16.3 | Disclaimer: | This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & Birchwood Casey, LLC knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition. | | |
| 16.4 | Prepared for: | Birchwood Casey, LLC 3260 Winpark Drive New Hope, MN 55427 USA Tel: +1 (952) 388-6717 Email: customerservice@birchwoodcasey.com http://www.birchwoodCasey.com | BIRCHWOOD CASEY | |
| 16.5 | Prepared by: | ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com | ShipMate [®] Dangerous Goods Training & Consulting | |



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DEFINITION OF TERMS

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

GENERAL INFORMATION:

| CAS No. Chemical Abstract Service Number | | |
|---|----------|--|
| RTECS No. Registry of Toxic Effects of Chemical Substances Number | | Registry of Toxic Effects of Chemical Substances Number |
| EII | NECS No. | European Inventory of Existing Commercial Chemical Substances Number |

EXPOSURE LIMITS IN AIR:

| ACGIH | American Conference on Governmental Industrial Hygienists | |
|---|--|--|
| IDLH | Immediately Dangerous to Life and Health | |
| NOHSC | NOHSC National Occupational Health and Safety Commission (Australia) | |
| OSHA U.S. Occupational Safety and Health Administration | | |
| PEL Permissible Exposure Limit | | |
| STEL Short Term Exposure Limit | | |
| TLV Threshold Limit Value | | |
| TWA Time Weighted Average | | |

FIRST AID MEASURES:

| CPR | Cardiopulmonary resuscitation - method in which a person whose heart has |
|-----|---|
| | stopped receives manual chest compressions and breathing to circulate blood |
| | and provide oxygen to the body. |

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: HMIS

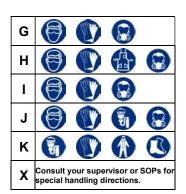
HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

| 0 | Minimal Hazard | |
|---|-------------------|--|
| 1 | 1 Slight Hazard | |
| 2 | 2 Moderate Hazard | |
| 3 | 3 Severe Hazard | |
| 4 | Extreme Hazard | |



PERSONAL PROTECTION RATINGS:

| Α | | |
|---|--|--|
| В | | |
| С | | |
| D | | |
| Е | | |
| F | | |





OTHER STANDARD ABBREVIATIONS:

| Carc | Carcinogenic | |
|---------|--|--|
| Irrit | Irritant | |
| NA | Not Available | |
| NR | NR No Results | |
| ND | ND Not Determined | |
| NE | NE Not Established | |
| NF | NF Not Found | |
| SCBA | SCBA Self-Contained Breathing Apparatus | |
| Sens | Sens Sensitization | |
| STOT RE | STOT RE Specific Target Organ Toxicity – Repeat Exposure | |
| STOT SE | STOT SE Specific Target Organ Toxicity – Single Exposure | |

NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

| FLAMMABILITY LIMITS IN AIR: | | | |
|-----------------------------|---|--|--|
| Autoignition | | | |
| Temperature | perature of ignition | | |
| LEL | Lower Explosive Limit - lowest percent of vapor in air, by volume, that will | | |
| | explode or ignite in the presence of an ignition source | | |
| UEL | UEL Upper Explosive Limit - highest percent of vapor in air, by volume, that will | | |
| | explode or ignite in the presence of an ignition source | | |

HAZARD RATINGS:

| 0 | Minimal Hazard | FLAMMABILITY |
|-----------------|-----------------|------------------|
| 1 Slight Hazard | | \ A |
| 2 | Moderate Hazard | REACTIVITY |
| 3 | Severe Hazard | |
| 4 | Extreme Hazard | |
| ACD | Acidic | |
| ALK | Alkaline | |
| COR | Corrosive | / \ \ \ \ |
| W | Use No Water | HEALTH |
| ОХ | Oxidizer | SPECIAL |
| TREFOIL | Radioactive | PRECAUTIONS |

TOXICOLOGICAL INFORMATION:

| LD ₅₀ | Lethal Dose (solids & liquids) which kills 50% of the exposed animals |
|---|---|
| LC ₅₀ | Lethal concentration (gases) which kills 50% of the exposed animal |
| ppm Concentration expressed in parts of material per million parts | |
| TD _{lo} Lowest dose to cause a symptom | |
| TCLo | Lowest concentration to cause a symptom |
| TD _{Io} , LD _{Io} , & LD _o or | Lowest dose (or concentration) to cause lethal or toxic effects |
| TC, TCo, LCio, & LCo | |
| IARC | International Agency for Research on Cancer |
| NTP | National Toxicology Program |
| RTECS | Registry of Toxic Effects of Chemical Substances |
| BCF | Bioconcentration Factor |
| TLm | Median threshold limit |
| log Kow or log Koc | Coefficient of Oil/Water Distribution |
| TC, TC _o , LC _{lo} , & LC _o IARC NTP RTECS BCF TL _m | International Agency for Research on Cancer National Toxicology Program Registry of Toxic Effects of Chemical Substances Bioconcentration Factor Median threshold limit |

REGULATORY INFORMATION:

| WHMIS | Canadian Workplace Hazardous Material Information System | |
|-------|--|--|
| DOT | U.S. Department of Transportation | |
| TC | Transport Canada | |
| EPA | EPA U.S. Environmental Protection Agency | |
| DSL | DSL Canadian Domestic Substance List | |
| NDSL | DSL Canadian Non-Domestic Substance List | |
| PSL | PSL Canadian Priority Substances List | |
| TSCA | TSCA U.S. Toxic Substance Control Act | |
| EU | EU European Union (European Union Directive 67/548/EEC) | |
| WGK | GK Wassergefährdungsklassen (German Water Hazard Class) | |

WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

| 0 | (| (3) | | ① | ® | | Ŕ |
|------------|-----------|------------|----------|------------|------------|-----------|----------|
| Class A | Class B | Class C | Class D1 | Class D2 | Class D3 | Class E | Class F |
| Compressed | Flammable | Oxidizing | Toxic | Irritation | Infectious | Corrosive | Reactive |

CLP/GHS (1272/2008/EC) PICTOGRAMS:

| | | ③ | \Diamond | | | \Diamond | | (|
|-----------|-----------|----------|-------------|-----------|-------|-----------------------|------------------|-------------|
| GHS01 | GHS02 | GHS03 | GHS04 | GHS05 | GHS06 | GHS07 | GHS08 | GHS09 |
| Explosive | Flammable | Oxidizer | Pressurized | Corrosive | Toxic | Harmful Irritating | Health Hazard | Environment |