

SAFETY DATA SHEET

| | | | | ndustrial Cleaner | Revision | Date 10/20/202 |
|--|--|--|--|---|---|--|
| SECTION – 1 | CHEMICAL PRODU | JCT AND COMPANY IDEN | NTIFICATI | ON | | |
| Product Name | Blue Gold Indus | strial Cleaner | | | Item | 109 |
| Product Use | Hard Surface Cle | eaner / Degreaser | | | | (360-MC) |
| Company Name | Modern Chemica | al, Inc. | Office | (501) 988-1311 | | |
| | P.O. Box 368 | | Fax | (501) 988-2229 | | |
| | Jacksonville | AR 72078 | Web | www.bluegoldcleaner.com | | |
| | EMERGENCY T | ELEPHONE NUMBER | INFOT | RAC (800) 535-5053 | | |
| ECTION – 2 | HAZARDS INFORM | IATION | | | | |
| Pictogram | I I | | | | | |
| Signal Word | Danger | | | | | |
| | • | Environmental Hazard St | atomonts | | | |
| | Causes skin irritatior | | atements | | Hazard Classification | Code |
| | Causes serious eye | damage | | | Category 2 Skin | H31 |
| | Harmful to aquatic lif | fe | | | Category 1 Eyes | H31 |
| | Harmful if Swallowed | d | | | Category 3 Acute Toxicity | H40 |
| | KEEP OUT OF REA | CH OF CHILDREN | | | | |
| | Handling and Storage | | | | Code | |
| | | ≤ t/fume/gas/mist/vapours | /snrav | | <u>Code</u> P261 | |
| | - | on skin, or on clothing | , opiaj | | P262 | |
| | Wash thoroughly after | - | | | P264 | |
| | Avoid release to the | • | | | P273 | |
| | Use personal protect | tive equipment as requi | red (See | Section 8) | P281 S8 | |
| | Store in a closed cor | | | | P404 | |
| SECTION – 3 | | | | | d shawlash of same sitish has been up | uthhald as a trade seers |
| | COMPOSITION INF | ORMATION | | (Exact percentage of the listed | d chemicals of composition has been w | finnelu as a trade secre |
| CHEMICAL NAM | <u>IE</u> | COMMON NAME AND SY | | CAS # | IMPURITIES | PERCEN |
| CHEMICAL NAM 2-(2-Butoxyethox | <u>IE</u> y)ethanol | COMMON NAME AND SY Diethylene Glycol Monobut | yl Ether | CAS # 112-34-5 | | PERCEN 7 - 10 |
| CHEMICAL NAM 2-(2-Butoxyethox Sodium Metasilic | IE y)ethanol ate Pentahydrate | COMMON NAME AND SY Diethylene Glycol Monobut Disodium Trioxosilica | yl Ether te | CAS # 112-34-5 10213-79-3 | | PERCEN 7 - 10' 4 - 9' |
| CHEMICAL NAM 2-(2-Butoxyethox Sodium Metasilic Nonylphenol Ethe | IE y)ethanol ate Pentahydrate oxylate | COMMON NAME AND SY Diethylene Glycol Monobut Disodium Trioxosilica Nonylphenyl-polyethylene | yl Ether te | CAS # 112-34-5 | | PERCEN 7 - 10' 4 - 9 1 - 5' |
| CHEMICAL NAM 2-(2-Butoxyethox Sodium Metasilic Nonylphenol Ethe SECTION – 4 | IE y)ethanol ate Pentahydrate oxylate FIRST AID MEASU | COMMON NAME AND SY Diethylene Glycol Monobut Disodium Trioxosilica Nonylphenyl-polyethylene RES | yl Ether te glycol | CAS # 112-34-5 10213-79-3 9016-45-9 | <u>IMPURITIES</u> | PERCEN 7 - 10' 4 - 9' 1 – 5' |
| CHEMICAL NAM 2-(2-Butoxyethox Sodium Metasilic Nonylphenol Ethe | IE y)ethanol ate Pentahydrate oxylate FIRST AID MEASU Immediately fl lenses if prese | COMMON NAME AND SY Diethylene Glycol Monobut Disodium Trioxosilica Nonylphenyl-polyethylene RES lush eyes with cold wate | yl Ether te glycol er for at le but injury | CAS # 112-34-5 10213-79-3 9016-45-9 east 15 minutes while lifting to the eye and continue ring | | PERCEN 7 - 10' 4 - 9' 1 – 5' emove contact |
| CHEMICAL NAM 2-(2-Butoxyethox Sodium Metasilic Nonylphenol Ethe SECTION – 4 EYE CONTACT | IE y)ethanol ate Pentahydrate oxylate FIRST AID MEASU Immediately fl lenses if prese medical attent Wash contam irritation is pre | COMMON NAME AND SY Diethylene Glycol Monobut Disodium Trioxosilica Nonylphenyl-polyethylene RES lush eyes with cold wate ent and easy to do witho tion, preferably from an inated skin with plenty o esent or occurs obtain m | yl Ether te glycol er for at le but injury ophthalm of soap ar nedical at | CAS # 112-34-5 10213-79-3 9016-45-9 east 15 minutes while lifting to the eye and continue rins iologist nd water, Remove any cont tention | IMPURITIES upper and lower eyelids, Re sing, If irritation persists obta aminated clothing and wash | PERCEN 7 - 10' 4 - 9 1 - 5' emove contact ain immediate before reuse, If |
| CHEMICAL NAM 2-(2-Butoxyethox Sodium Metasilic Nonylphenol Ethe SECTION – 4 EYE CONTACT SKIN CONTACT NHALATION | IE y)ethanol tate Pentahydrate oxylate FIRST AID MEASU Immediately fl lenses if prese medical attent Wash contam irritation is pre Move person f attention | COMMON NAME AND SY Diethylene Glycol Monobut Disodium Trioxosilica Nonylphenyl-polyethylene RES lush eyes with cold wate ent and easy to do witho tion, preferably from an inated skin with plenty of esent or occurs obtain m to fresh air, if they have | yl Ether te glycol er for at le but injury ophthalm of soap ar nedical at problem | CAS # 112-34-5 10213-79-3 9016-45-9 east 15 minutes while lifting to the eye and continue rins iologist nd water, Remove any cont tention breathing, show signs of ov | IMPURITIES upper and lower eyelids, Re sing, If irritation persists obta aminated clothing and wash verexposure or feel unwell of | PERCEN 7 - 10' 4 - 9' 1 - 5' emove contact ain immediate before reuse, If btain medical |
| CHEMICAL NAM 2-(2-Butoxyethox Sodium Metasilic Nonylphenol Ethe SECTION – 4 | IE y)ethanol tate Pentahydrate oxylate FIRST AID MEASU Immediately fl lenses if prese medical attent Wash contam irritation is pre Move person f attention DO NOT INDU | COMMON NAME AND SY Diethylene Glycol Monobut Disodium Trioxosilica Nonylphenyl-polyethylene RES lush eyes with cold wate ent and easy to do witho tion, preferably from an inated skin with plenty of esent or occurs obtain m to fresh air, if they have JCE VOMITING. If perse | yl Ether te glycol er for at le but injury ophthalm of soap ar nedical at problem on is fully | CAS # 112-34-5 10213-79-3 9016-45-9 east 15 minutes while lifting to the eye and continue rins iologist nd water, Remove any cont tention breathing, show signs of ov | IMPURITIES upper and lower eyelids, Re sing, If irritation persists obta aminated clothing and wash | PERCEN 7 - 10' 4 - 9' 1 - 5' emove contact ain immediate before reuse, If btain medical es of water to |
| CHEMICAL NAM 2-(2-Butoxyethox Sodium Metasilic Nonylphenol Ethe ECTION – 4 EYE CONTACT SKIN CONTACT NHALATION NGESTION | IE y)ethanol ate Pentahydrate bxylate FIRST AID MEASU Immediately fl lenses if prese medical attent Wash contam irritation is pre Move person f attention DO NOT INDU dilute and obta lungs | COMMON NAME AND SY Diethylene Glycol Monobut Disodium Trioxosilica Nonylphenyl-polyethylene RES lush eyes with cold wate ent and easy to do witho tion, preferably from an inated skin with plenty of esent or occurs obtain m to fresh air, if they have JCE VOMITING. If perse | yl Ether te glycol er for at le but injury ophthalm of soap at nedical at problem on is fully attention. | CAS # 112-34-5 10213-79-3 9016-45-9 east 15 minutes while lifting to the eye and continue rins iologist nd water, Remove any cont tention breathing, show signs of ov | IMPURITIES upper and lower eyelids, Re sing, If irritation persists obta aminated clothing and wash verexposure or feel unwell of t and give one to two glasse | PERCEN 7 - 10 4 - 9 1 - 5 emove contact ain immediate before reuse, If btain medical es of water to |
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| Page 2 of 5 | Blue | Revision Date | 10/20/2020 | | |
|--|--|-------------------------|----------------------------|---|--------------|
| SECTION – 5 FIRE FIG | HTING MEASURES | | | | |
| Extinguishing Media | Not flammable: Use extinguishing | g media for surround | ing fire | | |
| Hazardous Decomposition | Burning or thermal decomposition | n can produce, carbo | on monoxide, carbon dioxid | de, and other toxic fur | nes |
| Reactive With | Incompatible with, strong oxidizin | g agents, strong aci | ds | | |
| Explosion Hazards | Not applicable | | | | |
| Static Discharge | Not applicable | | | | |
| Mechanical Impact | Not applicable | | | | |
| Protective Equipment | Use MSHA/NIOSH approved self | -contained breathing | apparatus and full protec | tive gear | |
| FLAMMABLE LIQUIDS H | AZARD CLASSIFICATION | | NFPA HAZAR | D RATINGS | |
| Criteria Flash point | > 93.3°C (200°F) | | Heal | th 2 🔨 🔨 | 0 |
| NFPA Class III B | 6 | | Flammabili | ty 0 2 | |
| GHS Not applic | able | | Reactivi | ty 0 🗸 🗸 | |
| WHMIS Not applic | | | Special Hazard | ds FBG | \checkmark |
| SECTION – 6 ACCIDEN | TAL RELEASE MEASURES | | | | |
| Emergency Procedures | Warn personnel of spill | | | | |
| Personal Precautions | Ventilate area, Avoid slipping on | spilled product | | | |
| Protective Equipment | Safety Glasses, Chemical Gloves | s and Rubber Boots | | | |
| Containment | Use absorbent socks or pads to | prevent spill from sp | reading | | |
| Clean Up Procedures | Small Spills: Use wet vacuum o Large Spills: Absorb spill with ine Vacuum or sweep u | ert material (e.g., dry | | | |
| Disposal | Dispose of material in accordanc | | - | gulations | |
| SECTION – 7 HANDLIN | G AND STORAGE | | | | |
| Handling | Keep away from incompatible ma inhalation of mist, May be harmfu environment | | | | |
| Storage | KEEP OUT OF REACH OF CHIL materials | DREN, Keep contair | ner closed when not in use | , Store away from inc | compatible |
| Incompatible Materials | Incompatible with, strong oxidizin | a agents, strong aci | ds | | |
| · | RE CONTROLS / PERSONAL PROTEC | | | | |
| EXPOSURE LIMITS | | | | | Significan |
| CHEMICAL NAME | ACGIH (TWA 8) | ACGIH (STEL) | OSHA PEL (TWA 8) | OSHA (CEIL) | Exposure |
| 2-(2-Butoxyethoxy)ethanol | 10 ppm | . , | . , , | . , | |
| Sodium Metasilicate Pentahy | •• | | | | ED,SI,RT |
| Nonylphenol Ethoxylate | None Established | | | | ED |
| PERSONAL PROTECTIVE EC | QUIPMENT | | | | |
| | | | | | |
| Chemical Safety Glasses, Goggles or Face Shield | Impervious . Chemical Gloves | | | Eye Was Safety S (Recomm | hower |
| | ion o vapors of this material below the lo d Limit Value use a MSHA / NIOSH | | ove. | <u>HMIS HAZARD</u> Health Flammability Reactivity Personal Protection | 2 0 |

| Page 3 of 5 | | | Blue | Gold Industrial | Cleaner | R | evision Date | 10/20/2020 | |
|--|---|----------------|--|--------------------|---|-----------------------|-----------------|----------------------|--|
| SECTION – 9 PH | IYSICAL AND | CHEMICAL | PROPERTIES | | | | | | |
| Flash Point | >212°F (100 | 0°C) TAG Clo | sed Cup | Sp | ecific Gravity / Density | 1.08 | | | |
| Flammable Limits | ND | | | • | (± 0.3) | 13.0 | | | |
| Auto-Ignition Temp. | ND | | | - | scosity | ND | | | |
| Physical State | Liquid | | | Fre | eeze Point | ND | | | |
| Appearance | Clear Blue | | | Во | iling Point | ND | | | |
| Odor | Peppermint | | | | por Density (air=1) | ND | | | |
| Odor Threshold | ND | | | Va | por Pressure (mm Hg) | ND | | | |
| Solubility | 100% | | | Ev | aporation Rate (nBuAc | =1) ND | | | |
| Volatiles | ND | | | Pa | rtition Coefficient | ND | | | |
| VOC | 0.5% at 5% dilution / 5 gm/L VOC in 5% dilution | | | on Mc | blecular Weight (g/mol) | ~ 82.44 | ~ 82.44 | | |
| LVP-VOC | ND | | | ure ND | | | | | |
| SECTION - 10 ST | TABILITY AN | D REACTIVI | ΓY | | | | | | |
| Reactivity (Specific Test D | ata) Nor | ne available | | | | | | | |
| Chemical Stability | Sta | ble when st | ored below 49°C (| 120ºF) | | | | | |
| Hazardous Polymeriz | | l not occur | | | | | | | |
| Conditions To Avoid | Inc | ompatible m | aterials | | | | | | |
| Incompatible Material | | • | ith, strong oxidizin | g agents, stron | g acids | | | | |
| Thermal Decompositi | on Bur | ning or ther | | | carbon monoxide, car | bon dioxide, sodiu | ım oxides, sil | icon | |
| SECTION – 11 TO | OXICOLOGIC | AL INFORM | ATION | | | | | | |
| ROUTES OF EXPOSU | RE | | | | | | | | |
| Eyes (Yes), Skin (Ye | s), Inhalatic | on (Yes "Mis | t"), Ingestion (Yes) |) | | | | | |
| ACUTE | SYMPTOMS | S OF SINGLE | | | | | | | |
| Eyes | | | | aring, pain, or | possible corneal injur | / | | | |
| Skin | | - | on, redness, drying | | · , , , , , , , , , , , , , , , , , , , | | | | |
| Inhalation | | | mild irritation, to re | - | | | | | |
| Ingestion | May be ha | rmful if swal | lowed, Can cause | irritation, of the | mouth, throat, and e | sophagus | | | |
| CHRONIC | SYMPTOM | S OF PROLC | NGED OR REPEAT | ED OVEREXPO | <u>SURE</u> | | | | |
| Eyes | Causes se | rious eye iri | ritation, redness, te | aring, pain, bu | rns, or possible eye d | amage | | | |
| Skin | Causes sk | in irritation, | redness, burning, | drying or cracki | ing | | | | |
| Inhalation | Spray mist | may cause | irritation, to nose, | throat, mucus i | membranes or respira | itory tract | | | |
| Ingestion | | | lowed, Causes irri iting, abdominal p | | in the mouth, throat, a | ind esophagus, Sy | /mptoms may | / include, | |
| Acute Tox Calculated | 1 (| Oral: | 9,247 mg/kg | Dermal: | 16,755 mg/kg | Inhaled: | 57.5 n | ng/L | |
| Acute Tox Category | Not applicat | ole (Oral >2,0 | 00 mg/kg), Not appli | cable (Dermal >2 | ,000 mg/kg), Not applica | able (Inhaled >12.5 n | ng/L) Dust or N | list | |
| Additional Info | | | | | | | | | |
| Target Organs | Kidneys, L | iver | | | | | | | |
| Medical Conditions | Preexisting | g, liver, kidn | ey, disorders may | be aggravated | by exposure to this pr | oduct | | | |
| Notes to Physician | In case of | ingestion, g | astric lavage with a | activated charco | oal can be used prom | ptly to prevent abs | sorption | | |
| CARCINOGENIC - Th | is product co | ontains cond | entrations above 0. | 1% of the follow | <u>ving:</u> | | | | |
| CHEMICAL NAME | <u>NTP</u> | | ACGI | H | IARC | G | HS Category | | |
| None Listed | NA | | NA | | NA | Ν | A | | |
| | | | • | ains concentrat | ions above 0.1% of the | | | | |
| CHEMICAL NAME Germ Cell Mutagenicity Toxic to Reproduction | | | | | | | | | |
| None Listed | NA | | | | NA | | | | |
| COMPONENTS ACUT | <u>E TOXICITY</u> | - | _ | - · · | _ | | | | |
| CHEMICAL NAME | | <u>Type</u> | <u>Form</u> | <u>Subject</u> | Result Value | Exposure Time | | category | |
| Nonylphenol Ethoxylat | e | LD50 | Oral Inhaled | Rat | 960 mg/kg 1 15 mg/l | A Hours (Mist) | | 2000 mg/kg) | |
| | | LD50 LD50 | Innaled Dermal | Rat Rabbit | 1.15 mg/L 2,991 mg/kg | 4 Hours (Mist) | | ≤5 mg/L) 0 mg/kg) | |
| Sodium Metasilicate P | entahydrate | LD50 | Oral | Rat | 847 mg/kg | | | 2000 mg/kg) | |
| | - | LD50 | Rat | Dermal | > 5000 mg/kg | | (>200 | 0 mg/kg) | |
| Glycol Ether DB | | LD50 | Oral | Rat | 7,291 mg/kg | | | 0 mg/kg) | |
| | | LD50 | Dermal | Rabbit | 2,764 mg/kg | | (>200 | 0 mg/kg) | |

| Page 4 of 5 | | | Blue G | old Industrial | Cleaner | | | | Re | evision D | Date | 10/20/2020 |
|---|---|--|---|--|--|--|---|---|--|---|-----------------------------|--|
| SECTION – 12 ECOLOGICAL IN | FORMATION | | | | | | | | | | | |
| CHEMICAL NAME | <u>Type</u> | <u>S</u> | ubject Su | bject Latin | | <u>Resu</u> | It Value | Exposu | ure Tim | <u>e</u> | GHS | Category |
| Nonylphenol Ethoxylate | LC50 | E | - Bluegill (Le | epomis macroc | chirus) | | 1.0 mg/L | 96 H | lours | | 2 (>1, | ≤10 mg/L) |
| | EC50 | | | aphnia magna) | | 12 | 2.2 mg/L | 48 H | lours | 3 | (>10, | ≤100 mg/L) |
| Sodium Metasilicate Pentahydrate | LC50 | Ze | brafish (Br | achydanio reri | io) | 2 | 10 mg/L | 96 H | lours | | 4 (>1 | 100 mg/L) |
| | EC50 | Wate | er Flea (Da | aphnia magna) |) | 17 | '00 mg/L | 48 H | lours | | 4 (>1 | 100 mg/L) |
| 2-(2-Butoxyethoxy)ethanol | LC50 | | • | euciscus Idus) | | | 00 mg/L | | lours | | • | 100 mg/L) |
| | EC50 | | | aphnia magna) | | | 00 mg/L | | lours | | 4 (>1 | 100 mg/L) |
| Presistence And Degradability | This product i | | ently bloc | degradable a | ccording | to the OE | ECD defi | inition | | | | |
| Bioaccumulative Potential | No data avail | | | | | | | | | | | |
| Mobility In Soil | This product i | | | | - | in soil and | d water | | | | | |
| Other Adverse Effects | Harmful to aq | | rganisms | due to pH sl | hift | | | | | | | |
| SECTION – 13 DISPOSAL CON | SIDERATIONS | | | | | | | | | | | |
| DO NOT DUMP INTO ANY STOP Dispose of any waste in accord | | | | | | | | R | | | | |
| ENVIRONMENTAL FATE | | | | | | J | | | | | | |
| This material as supplied, when d composition containing in some o | | | | nazardous wa | aste acco | ording to F | ederal F | Regulatio | ons (40 |) CFR 2 | 61) d | ue to its |
| Chemical additions, processing o | | • | | ial may make | e the was | te manag | jement ir | nformati | on pres | sented i | n this | SDS |
| incomplete, inaccurate, or otherw | | | | | | | | | | | | |
| SECTION – 14 TRANSPORT IN | ORMATION | | | | | | | | | | | |
| DOT CLASSIFICATION | | | | | | | | | | | | |
| UN Number | | Prop | per Shippi | ng Name n.o | .s. (Chem | nicals) or " | 'Limits" | | | | | |
| Not Regulated Non Haz | ardous – Con | | | | | 8 - | | | | | | |
| | | • | | • | (lba) F | | Morine | . Dellute | nt Lla | | | Secondam |
| Hazard Class Packing Group | Label Code | <u>:5</u> | Report | able Quantity | <u>(ius)</u> <u>r</u> | Response | Marine | <u>e Polluta</u> | <u>nt</u> ⊓a | zard Lab | <u>bei</u> | <u>Secondary</u> |
| None None | None | | | None | | 154 | | No | | | | |
| | | | | | | | | | | | | |
| Additional Info: | | | | | | | | | | | | |
| Additional Info: | | | | | | | | | | | | |
| Additional Info: SECTION – 15 REGULATORY | INFORMATION | 1 | | | | | | | | | | |
| Additional Info: SECTION – 15 REGULATORY TSCA | | | Sec | 8(d) Health And | Safaty | Sec | 1(a) Chemi | ical Test P | ules | Sec 12 | (h) Evn | ort Notification |
| Additional Info: SECTION – 15 REGULATORY TSCA CHEMICAL NAME | Sec 8(b) In | ventory | Sec | : 8(d) Health And | l Safety | Sec - | 4(a) Chemi | ical Test R | ules | Sec 12(| (b) Exp | ort Notification |
| Additional Info: SECTION – 15 REGULATORY TSCA CHEMICAL NAME Glycol Ethers | Sec 8(b) In Ye | ventory S | Sec | 8(d) Health And | l Safety | Sec - | 4(a) Chemi | ical Test R | ules | Sec 12(| (b) Exp | ort Notification |
| Additional Info: SECTION – 15 REGULATORY TSCA CHEMICAL NAME Glycol Ethers Sodium Metasilicate Pentahydrate | Sec 8(b) In Ye e Ye | ventory S S | | | • | | | | ules | Sec 12(| (b) Exp | ort Notification |
| Additional Info: SECTION – 15 REGULATORY TSCA CHEMICAL NAME Glycol Ethers Sodium Metasilicate Pentahydrate REPORTABLE QUANTITIES | Sec 8(b) In Ye: e Ye: Ex | iventory S S ctremely | Hazardous | R | eportable Q | Quantity | Emission F | Reporting | | | | |
| Additional Info: SECTION – 15 REGULATORY TSCA CHEMICAL NAME Glycol Ethers Sodium Metasilicate Pentahydrate | Sec 8(b) In Ye e Ye | iventory S S ctremely | Hazardous | R | • | Quantity | | Reporting | | Sec 12(RA Code | | ort Notification MP TQ Sec 112r |
| Additional Info: SECTION – 15 REGULATORY TSCA CHEMICAL NAME Glycol Ethers Sodium Metasilicate Pentahydrate REPORTABLE QUANTITIES | Sec 8(b) In Ye: e Ye: Ex | iventory S S ctremely | Hazardous | R | eportable Q | Quantity | Emission F | Reporting ec 313 | | | | |
| Additional Info: SECTION – 15 REGULATORY TSCA CHEMICAL NAME Glycol Ethers Sodium Metasilicate Pentahydrate REPORTABLE QUANTITIES CHEMICAL NAME | Sec 8(b) In Ye e Ye Eycra TPQ | iventory S S ctremely | Hazardous EPCRA R | R | eportable Q | Quantity Sec 103 | Emission F TRI Se | Reporting ec 313 es | RCF | | | |
| Additional Info: SECTION – 15 REGULATORY TSCA CHEMICAL NAME Glycol Ethers Sodium Metasilicate Pentahydrate REPORTABLE QUANTITIES CHEMICAL NAME Glycol Ethers | Sec 8(b) In Ye e Ye Eycra TPQ | ventory S S ctremely 1 Sec 302 tion 311 | Hazardous EPCRA R | R | eportable Q ERCLA RQ | Quantity Sec 103 | Emission F TRI Se Ye 311 / 312 | Reporting ec 313 es | RCF | | RI | |
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| Additional Info: SECTION – 15 REGULATORY TSCA CHEMICAL NAME Glycol Ethers Sodium Metasilicate Pentahydrate REPORTABLE QUANTITIES CHEMICAL NAME Glycol Ethers SARA CHEMICAL NAME 2-(2-Butoxyethoxy)ethanol | Sec 8(b) In Ye: E E EPCRA TPQ Sec | tion 311 bus Che Yes | Hazardous EPCRA R | Ro CQ Sec 304 CI Acute Yes | eportable Q ERCLA RQ | Quantity Sec 103 Section | Emission F TRI Se Ye 311 / 312 | Reporting ac 313 es 2 Hazard | RCF | RA Code | RI | MP TQ Sec 112r |
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| Additional Info: SECTION – 15 REGULATORY TSCA CHEMICAL NAME Glycol Ethers Sodium Metasilicate Pentahydrate REPORTABLE QUANTITIES CHEMICAL NAME Glycol Ethers SARA CHEMICAL NAME 2-(2-Butoxyethoxy)ethanol Nonylphenol Ethoxylate Sodium Metasilicate Pentahydrate RIGHT TO KNOW CHEMICAL NAME 2-(2-Butoxyethoxy)ethanol Nonylphenol Ethoxylate Sodium Metasilicate Pentahydrate CALIFORNIA CHEMICAL NAME None Listed CLEAN AIR WATER ACTS CHEMICAL NAME | Sec 8(b) In Ye P EPCRA TPQ Sec Hazardo CAS # | ventory s s ctremely l Sec 302 tion 311 ous Che Yes Yes Yes CT | Hazardous EPCRA R I mical FL WARNING Birth Def Clean A HAP | Re Q Sec 304 Cl Acute Yes Yes Yes IL LA G! This produ fects F ir Acts Ozone t are listed on | eportable Q ERCLA RQ C STATE NJ Yes Yes ct contair Reproduc Class 1 the chemi | Quantity Sec 103 Section Chronic Yes NY Yes ns chemic tive Harm Ozone | Emission F TRI Se Ye 311 / 31: Flar PA Yes Yes Yes als know Class 2 | Reporting ec 313 295 2 Hazard mmable MI MI Carcino C H H e followir | RCF Is F MN state o gen Iean W IS | A Code Pressure MA of Californ ater Acts PF | RI RI nia to Devel | MP TQ Sec 112r Reactive WI cause: opmental |
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| SECTIO | ON – 16 OTHER INFORMATION | | |
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| <u>SDS</u> | LEGEND DESCRIPTION | | |
| ~ | Approximately | * | Additional Information |
| ACGIH | American Conference of Governmental Industrial Hygienists | LC50 | A concentration that is lethal to 50% of a given species in a given time |
| CAS | Chemical Abstracts Service Registry | LD50 | Dose that is lethal to 50% of a given species by a given route of exposure |
| CEIL | Ceiling Limit (15 minutes) | LEL | Lower Explosive Limit |
| CERCL | Comprehensive Environmental Response, Compensation, and Liability Act | LD | Liver Damage |
| CI | Cochlear Impairment | NA | Not Applicable |
| CNS | Central Nervous System | ND | Not Determined |
| EC50 | Concentration of a chemical that gives half-maximal response | NE | Not Established |
| EPA | Environmental Protection Agency | NFPA | National Fire Protection Association |
| Eye | (EI = Irritation) (ED = Damage) (EV = Visual Impairment) | NIOSH | National Institute for Occupational Safety and Health |
| FBG | Full Bunker Gear | NTP | National Toxicology Program |
| GHS | Globally Harmonized System | OSHA | Occupational Safety and Health Administration |
| HAP | California Hazardous Air Pollutant Clean Air Act | PEL | Permissible Exposure Limit (OSHA) |
| HMIS-A | Safety glasses | PNS | Peripheral Nervous System |
| HMIS-B | Safety glasses, gloves | PP | California Priority Pollutant under the Clean Water Act |
| HMIS-C | Safety glasses, gloves, chemical apron | REL | Recommended exposure limit (NIOSH) |
| HMIS-D | Face shield, gloves, chemical apron | RT | Upper Respiratory Tract |
| HMIS-E | Safety glasses, gloves, dust respirator | Skin | (SI = Irritation) (SD = Damage) (SA = Absorption) (SS = Sensitizer) |
| HMIS-F | Safety glasses, gloves, chemical apron, dust respirator | SARA | Superfund Amendments and Reauthorization Act |
| HMIS-G | Safety glasses, gloves, vapor respirator | STEL | Short Term Exposure Limit (15 minutes) |
| HMIS-H | Splash goggles, gloves, chemical apron, vapor respirator | TC Lo | Lowest concentration that is toxic to a given species in a given time |
| | Safety glasses, gloves, dust and vapor respirator | TD Lo | Lowest dose that is toxic to a given species |
| HMIS-J | Splash goggles, gloves, chemical apron, dust and vapor respirator | TLV | Threshold Limit Value (ACGIH) |
| HMIS-K | Air line hood or mask, gloves, full chemical suit, boots | TP | California Toxic Pollutant under the Clean Water Act |
| HMIS-X | Ask Supervisor | TSCA | Toxic Substances Control Act |
| HS | California Hazardous Substance under the Clean Water Act | TWA | Time Weighted Average (8 hours) |
| KD | Kidney Damage (nephropathy) | UEL | Upper Explosive Limit |
| <u>Modern</u> | Chemical, Inc. | | |

and nCites LLC have compiled the information herein from sources believed to be reliable and up-to-date, and is accurate to the best of our knowledge. However, we cannot give any guarantees regarding information from other sources or the completeness and expressly do not make warranties, nor assume any liability for its use. The information contained herein is provided for reference purposes only and is intended only for persons having relevant technical skills. Because conditions and manner of use are outside of our control, the user is responsible for determining the conditions of safe use of the product. Buyers and users assume all risk, responsibility and liability whatsoever for any and all injuries, losses, or damages to persons or property arising from the use of this product or information.

Supersedes Safety Data Sheet Dated

10/26/2018