

## Section 1 ~ Identification

<b>Identity (As Used On Label and List)</b> <b>G3219 QUICKER KILL</b>	<b>Date Prepared:</b> 04-14-2017
<b>Company Information:</b> OMEGA INDUSTRIAL SUPPLY, INC	<b>Emergency Telephone Number:</b> 1-800-424-9300
<b>Address (Number, Street, Suite/Apt#)</b> 101 Grobric Ct #1	<b>Telephone Number for Information:</b> 1-800-571-7347
<b>(City, State, and Zip Code)</b> Fairfield, CA 94534	<b>Signature of Prepare (Optional)</b> REGULATORY DEPT.

## Section 2 ~ Hazard(s) Identification

<b>Classification (GHS-US)</b>	Flam. Liq. 4 H227 Acute Tox. 4 (Dermal) H312 Acute Tox. 4 (Inhalation:dust,mist) H332 Skin Irrit. 2 H315 Eye Irrit. 2 H319	Carc. 1B H350 STOT SE 3 H336 STOT RE 2 H373 Asp. Tox. 1 H304
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### Label Elements GHS-US Labeling Hazard



GHS07



GHS08

Signal Word (GHS-US): Danger

### Hazard Statements (GHS-US)

Combustible liquid. May be fatal if swallowed and enters airways. Harmful in contact with skin or if inhaled. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. May cause cancer. May cause damage to organs (liver, thymus, bone marrow) through prolonged or repeated exposure.

### Precautionary Statements (GHS-US)

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from open flames, sparks, heat. - No smoking. Do not breathe mist, spray, vapors. Avoid breathing mist, spray, vapors. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective clothing, eye protection, protective gloves. **If swallowed:** Immediately call a POISON CENTER, a doctor. **If on skin:** Wash with plenty of water. **If inhaled:** Remove person to fresh air and keep comfortable for breathing. **If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. Call a doctor, a POISON CENTER if you feel unwell get medical advice/attention if you feel unwell. Specific treatment (see First aid measures on this label). Specific treatment (see First aid measures on this label). Do NOT induce vomiting. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. In case of fire: Use dry extinguishing powder, carbon dioxide (CO<sub>2</sub>), alcohol resistant foam to extinguish. Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/container to comply with local/regional/national regulations

### Other Hazards

No additional information available

### Unknown Acute Toxicity (GHS-US)

Not applicable

## Section 3 ~ Composition/Information on Ingredients

Substance: Not applicable

Full text of H-phrases: see section 16

### Mixtures

Name	Product Identifier	%	Classification (GHS-US)
Petroleum Solvent	68476-34-6	75 – 90	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Carc. 2, H351 STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304 Flam. Liq. 4, H227
Glycol Ether EB	111-76-2	10 – 20	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Asp. Tox. 1, H304
2-ethylhexyl 2,4-dichlorophenoxyacetate	1928-43-4	0.98 – 1.20	Acute Tox. 4 (Oral), H302
Bromacil	314-40-9	0.93 – 1.03	Eye Irrit. 2A, H319
Naphthalene	91-20-3	0 – 0.25	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Carc. 1B, H350 Aquatic Acute 1, H400

## Section 4 ~ First Aid Measures

### Description of First Aid Measures

**First-Aid Measures General:** If you feel unwell, seek medical advice (show the label where possible). IF exposed or concerned: Get medical advice/attention.

**First-Aid Measures After Inhalation:** If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

**First-Aid Measures After Skin Contact:** Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Consult a doctor/medical service.

**First-Aid Measures After Eye Contact:** 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.

**First-Aid Measures After Ingestion:** Do NOT induce vomiting. Immediately call a poison center or doctor/physician.

### Most Important Symptoms and Effects, Both Acute and Delayed

**Symptoms/Effects:** May cause cancer. May be fatal if swallowed and enters airways. Harmful if inhaled. Harmful in contact with skin. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. May cause damage to organs (liver, thymus, bone marrow) through prolonged or repeated exposure.

**Symptoms/Effects After Inhalation:** Harmful if inhaled. May cause drowsiness or dizziness.

**Symptoms/Effects After Skin Contact:** Causes skin irritation. Harmful in contact with skin.

**Symptoms/Effects After Eye Contact:** Causes serious eye irritation.

**Symptoms/Effects After Ingestion:** May be fatal if swallowed and enters airways.

**Indication of Any Immediate Medical Attention and Special Treatment Needed:** No additional information available

## Section 5 ~ Fire Fighting Measures

### Extinguishing Media

**Suitable Extinguishing Media:** Dry chemical powder. Carbon dioxide. Alcohol-resistant foam.

**Unsuitable Extinguishing Media:** Solid water jet ineffective as extinguishing medium.

### Special Hazards Arising from the Substance or Mixture

**Fire Hazard:** Combustible liquid.

**Explosion Hazard:** Explosion risk in case of fire. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries. May be ignited by sparks. May form flammable/explosive vapor-air mixture.

**Reactivity:** On burning: release of toxic and corrosive gases/vapors (nitrous vapors, sulphur oxides, carbon monoxide - carbon dioxide). If the product is involved in a fire, it can release toxic chlorine gases. Reacts violently with (strong) oxidizers.

### Advice for Firefighters

**Firefighting Instructions:** Exercise caution when fighting any chemical fire. In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion. Use water spray or fog for cooling exposed containers. Take account of environmentally hazardous firefighting water.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

## Section 6 ~ Accidental Release Measures

### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Remove ignition sources. Use special care to avoid static electric charges.

#### For Non-Emergency Personnel

**Protective Equipment:** Protective goggles. Gloves. Protective clothing.

**Emergency Procedures:** Evacuate unnecessary personnel. No naked flames or sparks.

#### For Emergency Responders

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Stop leak if safe to do so. Stop release. Ventilate area.

**Environmental Precautions:** Avoid release to the environment. Prevent entry to sewers and public waters.

### Methods and Material for Containment and Cleaning Up

**For Containment:** Contain released substance, pump into suitable containers.

**Methods for Cleaning Up:** This material and its container must be disposed of in a safe way, and as per local legislation. Take up liquid spill into inert absorbent material, e.g.: sand/earth. Clean contaminated surfaces with a soap solution.

**Reference to Other Sections:** No additional information available

## Section 7 ~ Handling and Storage

**Additional Hazards when Processed:** Handle empty containers with care because residual vapors are flammable. Keep away from open flame, sparks, excessive heat. - No smoking.

**Precautions for Safe Handling:** Comply with the legal requirements. Do not handle until all safety precautions have been read and understood. Do not breathe vapors. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Do not get in eyes, on skin, or on clothing. Handle and open the container with care. Keep away from sources of ignition - No smoking. Take precautions against electrostatic charges. Obtain special instructions before use. Remove contaminated clothing immediately.

**Hygiene Measures:** Wash thoroughly after handling. Wash contaminated clothing before reuse.

### Conditions for Safe Storage, Including any Incompatibilities

**Technical Measures:** Comply with applicable regulations. Proper grounding procedures to avoid static electricity should be followed.

**Storage Conditions:** Keep container closed when not in use. Keep only in the original container in a cool, well ventilated place away from: sparks, open flames, excessive heat.

**Incompatible Products:** Oxidizing agents.

**Incompatible Materials:** Sources of ignition.

**Heat-Ignition:** KEEP SUBSTANCE AWAY FROM: ignition sources. heat sources.

**Information on Mixed Storage:** KEEP SUBSTANCE AWAY FROM: oxidizing agents.

**Storage Area:** Store away from heat. Store in a cool area. Store in a dry area. Store in a well-ventilated place. Keep locked up.

**Special Rules on Packaging:** Keep only in original container. meet the legal requirements.

## Section 8 ~ Exposure Controls/Personal Protection

### Control Parameters

#### bromacil (314-40-9)

ACGIH ACGIH TWA (mg/m<sup>3</sup>) 10 mg/m<sup>3</sup> (Bromacil; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)

#### naphthalene (91-20-3)

ACGIH ACGIH TWA (ppm) 10 ppm  
Hematologic eff; URT & eye irr; Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans: The agent is carcinogenic in experimental animals at a relatively high dose, by route(s) of administration, at site(s), of histologic type(s), or by mechanism(s) that may not be relevant to worker exposure. Available epidemiologic studies do not confirm an increased risk of cancer in exposed humans. Available evidence does not suggest that the agent is likely to cause cancer in humans except under uncommon or unlikely routes or levels of exposure)

ACGIH Remark (ACGIH)

OSHA OSHA PEL (TWA) (mg/m<sup>3</sup>) 50 mg/m<sup>3</sup>

OSHA OSHA PEL (TWA) (ppm) 10 ppm

#### Glycol Ether EB (111-76-2)

ACGIH ACGIH TWA (ppm) 20 ppm

ACGIH Remark (ACGIH) Eye & URT irr

OSHA OSHA PEL (TWA) (mg/m<sup>3</sup>) 240 mg/m<sup>3</sup>

OSHA OSHA PEL (TWA) (ppm) 50 ppm

#### 2-ethylhexyl 2,4-dichlorophenoxyacetate (1928-43-4)

Not applicable

#### Petroleum Solvent (68476-34-6)

Not applicable

### Exposure Controls

**Appropriate Engineering Controls:** Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits.

**Personal Protective Equipment:** Use appropriate personal protective equipment when risk assessment indicates this is necessary. Gloves. Protective clothing. Protective goggles. Safety glasses.



## Section 9 ~ Physical Chemical Properties

### Information on Basic Physical and Chemical Properties

**Physical State:** Liquid

**Appearance:** Clear, red colored liquid

**Odor:** Fuel oil odor

**Odor Threshold:** No data available

**Oxidizing Properties:** No data available

**Vapor Pressure:** No data available

**Relative Density:** No data available

**Relative Vapor Density at 20°C:** No data available

**Specific Gravity/Density:** 0.875 g/ml

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<b>pH:</b> No data available	<b>Solubility:</b> Liquid component is soluble in water.
<b>Melting Point:</b> No data available	<b>Log Pow:</b> No data available
<b>Freezing Point:</b> No data available	<b>Log Kow:</b> No data available
<b>Boiling Point:</b> No data available	<b>Auto-Ignition Temperature:</b> No data available
<b>Flash Point:</b> 145 °F	<b>Decomposition Temperature:</b> No data available
<b>Relative Evaporation Rate (butyl acetate=1):</b> No data available	<b>Viscosity:</b> No data available
<b>Flammability (solid, gas):</b> No data available	<b>Viscosity, Kinematic:</b> < 20 cST
<b>Explosion Limits:</b> No data available	<b>Viscosity, Dynamic:</b> No data available
<b>Explosive Properties:</b> Heating may cause a fire or explosion.	<b>VOC Content:</b> > 90%

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### Section 10 ~ Stability and Reactivity

**Reactivity:** On burning: release of toxic and corrosive gases/vapors (nitrous vapors, sulphur oxides, carbon monoxide - carbon dioxide). If the product is involved in a fire, it can release toxic chlorine gases. Reacts violently with (strong) oxidizers.

**Chemical Stability:** Combustible liquid. Stable under normal conditions. Risk of explosion if heated under confinement. Heating may cause a fire or explosion.

**Possibility of Hazardous Reactions:** Refer to section 10 on Reactivity.

**Conditions to Avoid:** Refer to Section 10 on Incompatible Materials. Open flame. Overheating. Sparks.

**Incompatible Materials:** Oxidizing agents.

**Hazardous Decomposition Products:** Thermal decomposition produces: CO, CO<sub>2</sub>, Oxides of nitrogen and other potentially toxic fumes.

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### Section 11 ~ Toxicological Information

#### Information on Toxicological Effects

**Acute Toxicity:** Dermal: Harmful in contact with skin. Inhalation: dust, mist: Harmful if inhaled.

#### bromacil (314-40-9)

LD50 oral rat	5200 mg/kg (Rat)
LD50 dermal rat	> 2500 mg/kg (Rat)
LD50 dermal rabbit	> 5000 mg/kg (Rabbit)
LC50 inhalation rat (mg/l)	> 4.8 mg/l/4h (Rat)
ATE CLP (oral)	5200.000 mg/kg body weight

#### naphthalene (91-20-3)

LD50 oral rat	> 1100 mg/kg (Rat)
LD50 dermal rat	> 2500 mg/kg (Rat)
LD50 dermal rabbit	> 20000 mg/kg (Rabbit)
ATE CLP (oral)	500.000 mg/kg body weight

#### Glycol Ether EB (111-76-2)

LD50 oral rat	1300 mg/kg
LD50 dermal rat	> 2000 mg/kg
ATE CLP (oral)	1300.000 mg/kg body weight
ATE CLP (dermal)	1100.000 mg/kg body weight
ATE CLP (dust, mist)	1.500 mg/l/4h

#### 2-ethylhexyl 2,4-dichlorophenoxyacetate (1928-43-4)

LD50 oral rat	896 mg/kg (Rat)
LD50 dermal rabbit	> 2000 mg/kg (Rabbit)
LC50 inhalation rat (mg/l)	> 5.4 mg/l/4h (Rat)

#### Petroleum Solvent (68476-34-6)

LD50 oral rat	> 7600 mg/kg
LD50 dermal rat	> 4300 mg/kg
LC50 inhalation rat (mg/l)	4.1 mg/l

**Skin Corrosion/Irritation:** Causes skin irritation.

**Serious Eye Damage/Irritation:** Causes serious eye irritation.

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** May cause cancer.

#### naphthalene (91-20-3)

IARC group	2B - Possibly carcinogenic to humans
National Toxicology Program (NTP) Status	3 - Reasonably anticipated to be Human Carcinogen

#### Glycol Ether EB (111-76-2)

IARC group	3 - Not classifiable
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**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity – Single Exposure:** May cause drowsiness or dizziness.

**Specific Target Organ Toxicity – Repeated Exposure:** May cause damage to organs (liver, thymus, bone marrow) through prolonged or repeated exposure.

#### Glycol Ether EB (111-76-2)

NOAEL (oral, rat, 90 days)	see comments
NOAEL (dermal, rat/rabbit,90 days)	see comments

**Aspiration Hazard:** May be fatal if swallowed and enters airways.

**Symptoms/Effects After Inhalation:** Harmful if inhaled. May cause drowsiness or dizziness.

**Symptoms/Effects After Skin Contact:** Causes skin irritation. Harmful in contact with skin.

**Symptoms/Effects After Eye Contact:** Causes serious eye irritation.

**Symptoms/Effects After Ingestion:** May be fatal if swallowed and enters airways.

**Likely Routes of Exposure:** Skin and eye contact; Ingestion; Inhalation

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### Section 12 ~ Ecological Information

#### Toxicity

##### bromacil (314-40-9)

LC50 fish 1	75 mg/l (LC50; 48 h)
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##### naphthalene (91-20-3)

EC50 Daphnia 1	2.16 mg/l (EC50; 48 h; Daphnia magna)
LC50 fish 2	0.11 mg/l (LC50; 96 h; Oncorhynchus mykiss)
Threshold limit algae 1	0.4 mg/l (EC50; 72 h; Skeletonema costatum)

##### Glycol Ether EB (111-76-2)

LC50 fish 1	1474 mg/l Oncorhynchus mykiss
EC50 Daphnia 1	100 mg/l Water flea
ERC50 (algae)	1840 mg/l Pseudokirchneriella subcapitata
NOEC chronic fish	> 100 mg/l
NOEC chronic crustacea	100 mg/l daphnid

##### bromacil (314-40-9)

Persistence and degradability	Not readily biodegradable in water. Non degradable in the soil. Photodegradation in the air.
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**naphthalene (91-20-3)**  
 Persistence and degradability Readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Absorbs into the soil. Photolysis in the air.  
 Biochemical oxygen demand (BOD) 0 g O<sub>2</sub>/g substance  
 Chemical oxygen demand (COD) 0.22 g O<sub>2</sub>/g substance  
 ThOD 2.99 g O<sub>2</sub>/g substance

**Bioaccumulative Potential**

**bromacil (314-40-9)**  
 BCF fish 1 2.8 - 26.5 (BCF; 672 h; Leuciscus idus)  
 BCF fish 2 4.25 (BCF; 388 h; Pimephales promelas)  
 Log Pow 2.11  
 Bioaccumulative potential Low potential for bioaccumulation (BCF < 500).

**naphthalene (91-20-3)**  
 BCF fish 1 23 - 168 (BCF; 8 weeks; Cyprinus carpio)  
 Log Pow 3.3 (Experimental value)  
 Bioaccumulative potential Low potential for bioaccumulation (BCF < 500).

**2-ethylhexyl 2,4-dichlorophenoxyacetate (1928-43-4)**  
 Log Pow 5.78 (Experimental value)

**Section 13 ~ Disposal Considerations**

**Waste Treatment Methods**

**Product/Packaging Disposal Recommendations:** Dispose of contents/container to comply with local/regional/national regulations.

**Additional Information:** Clean up even minor leaks or spills if possible without unnecessary risk. Handle empty containers with care because residual vapors are flammable.

**Section 14 ~ Transport Information**

**Department of Transportation (DOT)**

**Transport Document Description:** NA1993 Combustible liquid, n.o.s. (Aliphatic Hydrocarbon), 3, III

**UN-No.(DOT):** NA1993

**Proper Shipping Name (DOT):** Combustible liquid, n.o.s.

**Class (DOT):** 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120

**Packing group (DOT):** III - Minor Danger

**DOT Packaging Non Bulk (49 CFR 173.xxx):** 203

**DOT Packaging Bulk (49 CFR 173.xxx):** 241

**DOT Symbols:** D - Proper shipping name for domestic use only, or to and from Canada, G - Identifies PSN requiring a technical name

**DOT Special Provisions (49 CFR 172.102):** IB3,T1,T4,TP1

**DOT Packaging Exceptions (49 CFR173.xxx):** 150

**DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27):** 60 L

**DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75):** 220 L

**DOT Vessel Stowage Location:** A

**Additional Information**

**Emergency Response Guide (ERG) Number:** 128

**Other Information:** When transported by ground in non-bulk containers, this product utilizes the exception found under 49 CFR 173.150.

**ADR:** No additional information available

**Transport by Sea:** No additional information available

**Air Transport:** No additional information available

**Section 15 ~ Regulatory Information**

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

bromacil	CAS-No. 314-40-9	0.93 - 1.03%
naphthalene	CAS-No. 91-20-3	0 - 0.25%
2-ethylhexyl 2,4-dichlorophenoxyacetate	CAS-No. 1928-43-4	0.98 - 1.20%
Glycol Ether EB	CAS-No. 111-76-2	10 - 30 %

**bromacil (314-40-9)**

Subject to reporting requirements of United States SARA Section 313

**naphthalene (91-20-3)**

Subject to reporting requirements of United States SARA Section 313

CERCLA RQ 100 lb

**2-ethylhexyl 2,4-dichlorophenoxyacetate (1928-43-4)**

Subject to reporting requirements of United States SARA Section 313

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets and for work place labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

Caution: Harmful if absorbed through the skin. Avoid contact with skin, eyes or clothing.

California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity

**Section 16 ~ Other Information**

**Training Advice:** Normal use of this product shall imply use in accordance with the instructions on the packaging.

**Full text of H-phrases:**

H226 Flammable liquid and vapor		H332 Harmful if inhaled
H227 Combustible liquid		H336 May cause drowsiness or dizziness
H302 Harmful if swallowed		H350 May cause cancer
H304 May be fatal if swallowed and enters airways		H351 Suspected of causing cancer
H312 Harmful in contact with skin		H373 May cause damage to organs through prolonged or repeated exposure
H315 Causes skin irritation		H400 Very toxic to aquatic life
H319 Causes serious eye irritation		

	NFPA	HMIS	Key
HEALTH	2	2	4= Severe
FLAMMABILITY	2	2	3= Serious
REACTIVITY	0	0	2= Moderate
OTHER/PROTECTION	-	-	1= Slight
			0= Minimal

Disclaimer: This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Our company assumes no responsibility for personal injury or property damage to the vendee, users or third parties caused by the material. Such vendors or users assume all risks associated with the use of this material.