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SECTION 1: Product and company Identification

Trade name

Barren Vegetation Killer

Use of the substance/mixture

Herbicide Industrial use

Product code

1514

SDS Number: 0320

Company

1st Ayd Corporation 1325 Gateway Drive Elgin, IL 60124 - USA 847-622-0001

Emergency number

800-255-3924

SECTION 2: Hazards Identification

Classification of the substance or mixture

Classification (GHS-US)

Flam. Liq. 4 H227 Skin Irrit. 2 H315 Eye Irrit. 2A H319 Carc. 1B H350 STOT RE 2 H373 Asp. Tox. 1 H304

Full text of H-phrases: see section 16

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US)



GHS07

Signal word (GHS-US)

Hazard statements (GHS-US)

: Danger

Combustible liquid

May be fatal if swallowed and enters airways Causes skin irritation Causes serious eye irritation

May cause cancer

May cause damage to organs 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 vapors, mist, fume
Wash thoroughly after handling
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 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
Get medical advice/attention if you feel unwell
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 before reuse

In case of fire: Use dry extinguishing powder, carbon dioxide (CO2), alcohol resistant foam to

extinguish

Store in a well-ventilated place. Keep cool

Store locked up

Dispose of contents/container to comply with local/regional/national regulations

2.3. Other hazards

No additional information available

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2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

Full text of H-phrases: see section 16

3.2.	Mixt	ATL

Name	Product Identifier	%	Classification (GHS-US)
Fuel oil, No 4, Gesoil - unspecified, [A distillate oil having a minimum viscosity of 45 SUS at 37,7 °C (100 °F) to a maximum of 125 SUS at 37,7 °C (100 °F).]	(CAS No) 68476-31-3	60 - 100	Asp. Tox. 1, H304
Glycol Ether E8	(CAS No) 111-76-2	10 - 30	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT RE 2, H373 Asp. Tox. 1, H304
2-ethylhexyl 2,4-dichlorophenoxyacetale	(CAS No) 1928-43-4	0.5 - 1.5	Acute Tox. 4 (Oral), H302
bromacil	(CAS No) 314-40-9	0.1 - 1	Eye Irrit. 2A, H319
naphthalene	(CAS No) 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

4.1.	Desc	ription of t	irst ald measures

First-aid measures general

First-aid measures after skin contact

First-aid measures after eye contact

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

er 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 feet unwell.

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.

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-ald measures after ingestion : Do NOT induce vomiting, immediately call a poison center or doctor/physician.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries

: If you feel unwell, seek medical advice. May cause cancer. May cause damage to organs through

prolonged or repealed exposure.

Symptoms/injuries after inhalation

Harmful if inhaled, EXPOSURE TO HIGH CONCENTRATIONS: Central nervous system depression.

Irritation of the respiratory tract. Headache, May cause drowsiness or dizziness.

Symptoms/injuries after skin contact

: Causes skin irritation.

Symptoms/injuries after eye contact Symptoms/injuries after ingestion : Causes serious eye irritation,: May be fatal if swallowed and enters airways.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Dry chemical powder, Carbon dioxide, Alcohol-resistant foam.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. 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.

vapor-air mixlure.

Reactivity

On burning: release of toxic and corrosive gases/vapours (nitrous vapours, 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.

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. Advice for firefighters	Tight fire complete
elighting 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 firelighting water.
otection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
ECTION 6: Accidental release	o measures
1. Personal precautions, protective	e equipment and emergency procedures : Remove ignition sources. Use special care to avoid static electric charges.
ioneral measures	: Remove ignition sources. Use special care to avoid static electric charges.
.1.1. For non-emergency personnel	
rotective equipment	: Protective goggles. Gloves. Protective clothing.
mergency procedures	: Evacuate unnecessary personnel. No naked flames or sparks.
3.1.2. For emergency responders	
Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Stop leak if safe to do so. Stop release. Ventilate area.
3.2. Environmental precautions	
Avoid release to the environment. Preve	
3.3. Methods and material for conta	Inment and cleaning up
For containment	· Contain released substance, bump 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.
	SOUP CONTENT
2.4 Peference to other sections	Soup Collection
6.4. Reference to other sections	
No addillonal information available	
6.4. Reference to other sections No additional information available SECTION 7: Handling and sto	
No additional information available SECTION 7: Handling and sto 7.1. Precautions for safe handling	rage
No additional information available SECTION 7: Handling and sto 7.1. Precautions for safe handling	: Handle empty containers with care because residual vapors are flammable. Keep away from open
No addillonal information available	: Handle empty containers with care because residual vapors are flammable. Keep away from open flame, sparks, excessive heat No smoking. : 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.
No additional information available SECTION 7: Handling and sto 7.1. Precautions for safe handling Additional hazards when processed	Handle empty containers with care because residual vapors are flammable. Keep away from open flame, sparks, excessive heat No smoking. 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
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No additional information available SECTION 7: Handling and sto 7.1. Precautions for safe handling Additional hazards when processed Precautions for safe handling Hygiene measures	: Handle empty containers with care because residual vapors are flammable. Keep away from open flame, sparks, excessive heat No smoking. : 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. : Wash thoroughly after handling. Wash contaminated clothing before reuse. Icluding any incompatibilities : Comply with applicable regulations. Proper grounding procedures to avoid static electricity should be
No additional information available SECTION 7: Handling and sto 7.1. Precautions for safe handling Additional hazards when processed Precautions for safe handling Hygiene measures 7.2. Conditions for safe storage, in	Handle empty containers with care because residual vapors are flammable. Keep away from open flame, sparks, excessive heat No smoking. 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. Wash thoroughly after handling. Wash contaminated clothing before reuse. Including any Incompatibilities Comply with applicable regulations. Proper grounding procedures to avoid static electricity should be
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No additional information available SECTION 7: Handling and sto 7.1. Precautions for safe handling Additional hazards when processed Precautions for safe handling Hygiene measures 7.2. Conditions for safe storage, in Technical measures Storage conditions Incompatible products	: Handle empty containers with care because residual vapors are flammable. Keep away from open flame, sparks, excessive heat No smoking. : 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. : Wash (horoughly after handling. Wash contaminated clothing before reuse. Icluding any Incompatibilities : Comply with applicable regulations. Proper grounding procedures to avoid static electricity should be followed. : Keep only in the original container in a cool, well ventilated place away from: sparks, open flames, excessive heat. Keep container tightly closed. : Oxidizing agent. : Sources of Ignition.
No additional information available SECTION 7: Handling and sto 7.1. Precautions for safe handling Additional hazards when processed Precautions for safe handling Hygiene measures 7.2. Conditions for safe storage, in Technical measures Storage conditions Incompatible products Incompatible materials	Handle empty containers with care because residual vapors are flammable. Keep away from open flame, sparks, excessive heat No smoking. 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. Wash thoroughly after handling. Wash contaminated clothing before reuse. Icluding any Incompatibilities Comply with applicable regulations. Proper grounding procedures to avoid static electricity should be followed. Keep only in the original container in a cool, well ventilated place away from: sparks, open flames, excessive heat. Keep container tightly closed. Oxidizing agent. Sources of ignition. KEEP SUBSTANCE AWAY FROM: ignition sources. heat sources.
No additional information available SECTION 7: Handling and sto 7.1. Precautions for safe handling Additional hazards when processed Precautions for safe handling Hygiene measures 7.2. Conditions for safe storage, in Technical measures Storage conditions Incompatible products	: Handle empty containers with care because residual vapors are flammable. Keep away from open flame, sparks, excessive heat No smoking. : 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. : Wash thoroughly after handling. Wash contaminated clothing before reuse. Icluding any incompatibilities : Comply with applicable regulations. Proper grounding procedures to avoid static electricity should be followed. : Keep only in the original container in a cool, well ventilated place away from: sparks, open flames, excessive heat. Keep container tightly closed. : Oxidizing agent. : Sources of Ignition. : KEEP SUBSTANCE AWAY FROM: ignition sources, heat sources.
No additional information available SECTION 7: Handling and sto 7.1. Precautions for safe handling Additional hazards when processed Precautions for safe handling Hygiene measures 7.2. Conditions for safe storage, in Technical measures Storage conditions Incompatible products Incompatible materials Heat-ignition	Handle empty containers with care because residual vapors are flammable. Keep away from open flame, sparks, excessive heat No smoking. 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. Wash thoroughly after handling. Wash contaminated clothing before reuse. Icluding any Incompatibilities Comply with applicable regulations. Proper grounding procedures to avoid static electricity should be followed. Keep only in the original container in a cool, well ventilated place away from: sparks, open flames, excessive heat. Keep container tightly closed. Oxidizing agent. Sources of ignition. KEEP SUBSTANCE AWAY FROM: ignition sources, heat sources. KEEP SUBSTANCE AWAY FROM: oxidizing agents. Store away from heat. Store in a cool area. Store in a dry area. Store in a well-ventilated place. Keep locked up.
No additional information available SECTION 7: Handling and sto 7.1. Precautions for safe handling Additional hazards when processed Precautions for safe handling Hygiene measures 7.2. Conditions for safe storage, in Technical measures Storage conditions Incompatible products Incompatible materials Heat-ignition Prohibitions on mixed storage	: Handle empty containers with care because residual vapors are flammable. Keep away from open flame, sparks, excessive heat No smoking. : 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. : Wash thoroughly after handling. Wash contaminated clothing before reuse. Icluding any Incompatibilities : Comply with applicable regulations. Proper grounding procedures to avoid static electricity should be followed. : Keep only in the original container in a cool, well ventilated place away from: sparks, open flames, excessive heat. Keep container tightly closed. : Oxidizing agent. : Sources of Ignition. : KEEP SUBSTANCE AWAY FROM: ignition sources, heat sources. : KEEP SUBSTANCE AWAY FROM: oxidizing agents. : Store away from heat. Store in a cool area. Store in a dry area. Store in a well-ventilated place. Keep

	·		
-	bromacii (314-40-9)		
1	promodification (0)		10 mg/m³
-	ACGIH	ACGIH TWA (mg/m³)	10 mgm
	Accin		<u> </u>

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naphthalone (91-20-3)		
	ACGIH TWA (ppm) 10 ppm	
ACGIH	ACGIH STEL (ppm) 10 ppm	
8.2. Exposure controls		

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 and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Appearance

Clear, red colored liquid.

Odor

Fuel oil odor

Odor threshold

No data avallable

No data available

Melting point

No data available

Freezing point

Boiling point

No data available

: No data available

Flash point

Relative evaporation rate (butyl acetate=1)

: No data avallable

Flammability (solid, gas)

: No data available

Explosion limits

: No data avallable

Explosive properties

: Heating may cause a fire or explosion.

Oxidizing properties

: No data available

Vapor pressure

: No data avallable

Relative density

: No data available

Relative vapor density at 20 °C Specific gravity / density

: No data available : 0.875 g/ml

Solubility

: Insoluble in water.

Log Pow

: No data avallable

Log Kow

: No data available

Auto-ignition temperature

: No data available

Decomposition temperature

: No data available

Viscosity

: No data avallable

Viscosity, kinematic

: < 20 cSt

Viscosity, dynamic

VOC content

: No data available

: > 90 %

SECTION 10: Stability and reactivity

On burning: release of toxic and corrosive gases/vapours (nitrous vapours, 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.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

Refer to section 10.1 on Reactivity.

10.4. Conditions to avoid

Refer to Section 10 on Incompatible Materials, Open flame, Overheating, Sparks,

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10.5. Incompatible materials

Oxidizing agents.

10.6. Hazardous decomposition products

Thermal decomposition produces: CO, CO2, Oxides of nitrogen and other potentially toxic fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

bromacii (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	

, ALCOH (dominar)		
ATE CLP (dust, mist)	1,500 mg/l/4h	
2-ethylhexyl 2,4-dichlorophenoxya	cetate (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)	

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 cencer.

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

Reproductive toxicity : Not classified Specific target organ toxicity (single exposure) : Not classified

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Specific target organ toxicity (repeated : May cause damage to organs through prolonged or repeated exposure. exposure)

Glycol Ether EB (111-76-2)	
LOAEL (oral,rat,90 days)	69 mg/kg bodyweight/day Target organ: liver
NOAEL (dermal,rat/rabbit,90 days)	150 mg/kg bodyweight/day
Aspiration hazard	: May be fatal if swallowed and enters airways.
Symptoms/injuries after inhalation	: Harmful if Inhaled. EXPOSURE TO HIGH CONCENTRATIONS: Central nervous system depression. Irritation of the respiratory tract. Headache. May cause drowsiness or dizziness.
Symptoms/injuries after skin contact	: Causes skin irritation.

Symptoms/injuries after eye contact : Causes serious eye irritation.

Symptoms/injuries after ingestion : May be fatal if swallowed and enters airways.

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		 	 _
	rautan		

: Skin and eyes contact.;Ingestion.;Inhalation

SECTION 12: Ecological information	ation
12.1. Toxicity	
bromacil (314-40-9)	
LC50 fish 1	
LC50 fish 2	75 mg/i 48 h; Salmo gairdneri (Oncorhynchus mykiss)
Threshold limit other equatic organisms 1	71 mg/l (48 h; Leuciscus idus)
naphthalene (91-20-3)	1 mg/l (Pimephales prometas; Chronic)
LC50 fish 1	
EC50 Daphnia 1	1.99 mg/l (96 h; Pimephales promelas)
EC50 other aquatic organisms 1	2.16 mg/l (48 h; Daphnia magna)
LC50 fish 2	2.96 mg/l (4 h; Selenastrum capricomutum)
TLM fish 1	0.11 mg/l (96 h; Oncorhynchus mykiss)
TLM fish 2	150 mg/l (96 h; Lepomis macrochirus; Cool water)
Threshold limit algae 1	1.24 ppm (96 h; Oncorhynchus gorbuscha)
Glycol Ether EB (111-76-2)	0.4 mg/l (72 h; Skeletonema costatum; Growth rate)
LC50 fish 1	
EC50 Daphnia 1	1474 mg/l Oncorhynchus mykiss
ErC50 (algae)	100 mg/l Water flea
NOEC chronic fish	1840 mg/l Pseudokirchneriella subcapitata > 100 mg/l
OEC chronic crustacea	100 mg/l daphnid
ethylhexyl 2,4-dichlorophenoxyacelate (1928.43.4)
.C50 fish 1	
C50 Daphnia 1	7.2 mg/l 96 h; Salmo gairdneri (Oncorhynchus myklss)
C50 other aquatic organisms 1	5.2 mg/l (48 h; Daphnia magna; Pure water)
C50 Daphnia 2	> 30 mg/l (120 h; Selenastrum capricornulum; Growth rale)
hreshold limit algae 1	15 mg/l (120 h; Selenastrum capricornutum; Growth rate)
hreshold limit algae 2	0.1875 mg/l (120 h; Skeletonema costatum; Cell numbers)
2. Persistence and degradability	(
romacii (314-40-9)	
ersistence and degradability	
	Not readily blodegradable in water. Non degradable in the soil. Photodegradation in the air.
aphthalene (91-20-3)	
ersistence and degradability	Readily biodegradable in water. Forming sediments in water. Biodegradable in the soil. Adsorbs into the soil. Photolysis in the air.
ochemical oxygen demand (BOD)	0 g O⊡/g substance
hemical oxygen demand (COD) nOD	0.22 g O⊡/g substance
	2.99 g O⊡/g substance
3. Bloaccumulative potential	
omacil (314-40-9)	
OF fish 1	2.8 - 26.5 (672 h; Leuciscus idus; Fresh weight)
OF fish 2	4.25 (388 h; Pimephales promelas; Fresh welght)
g Pow	2.11
oaccumulative potentlal	Low potential for bloaccumulation (BCF < 500).
phthalene (91-20-3)	
CF fish 1	23 - 168 (8 weeks; Cyprinus carplo)
OF fish 2	40 - 300 (672 h; Oncorhynchus mykiss)
CF other aquatic organisms 1	331 (360 h; Ostreidae)
CF other aquatic organisms 2	130 (24 h; Chlorella sp.)
g Pow	3.30 (Experimental value)
paccumulative potential	Low potential for bloaccumulation (BCF < 500).
elhylhexyl 2,4-dichlorophenoxyacetate (19	FOW botougg tot pigecontringtion (BCE < POR)

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

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste 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)

UN-No.(DOT)

: NA1993

Proper Shipping Name (DOT)

: Combustible liquid, n.o.s.

Transport hazard class(es) (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)

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 CFR

: 150

173.xxx)

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)

: 60 L

DOT Quantity Limitations Cargo aircraft

: 220 L

only (49 CFR 175.75)

: A

DOT Vessel Stowage Location

Additional information 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.

1300 and 40 Of ICI are of E.	of and 40 of it i ait of 2.	
bromacil	CAS No 314-40-9	0.1 - 1
naphthalene	CAS No 91-20-3	0 - 0.25
2-ethylhexyl 2,4-dichlorophenoxyacetate	CAS No 1928-43-4	0.5 - 1.5
Glycol Ether EB	CAS No 111-76-2	10 - 30
Glycol Ether L.D		

bromacil (314-40-9)	
Listed on SARA Section 313 (Specific toxic chemical listings)	

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Safety Data Sheet

naphthalone (91-20-3)		
Listed on SARA Section 313 (Specific toxic chen	nical listings)	
RQ (Reportable quantily, section 304 of EPA's List of Lists)	100 lb	
2-ethylhexyl 2,4-dichlorophenoxyacetate (1928-43-4) Listed on SARA Section 313 (Specific toxic chemical listings)		
This chemical is a nesticide product register.		

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

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

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:

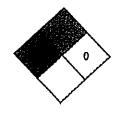
At or ri-phrases:	
Acute Tox. 4 (Oral)	
Aquatic Acute 1	Acute toxicity (oral) Category 4
Asp. Tox. 1	Hazardous fo the aquatic environment - Acute Hazard Category 1
Carc. 1B	Trophetion nazero Category 1
Eye Irril, 2A	Carcinogenicity Category 1B
Flam, Liq. 4	Serious eye damage/eye irritation Catagon, 24
Skin Irrit, 2	Fidilinable liquids Category 4
STOT RE 2	Skin corrosion/irritation Category 2
H227	Specific target organ toxicity (repeated exposure) Category 2
H302	Combustible liquid
H304	Harmful if swallowed
H315	May be fatal if swallowed and enters airways
H319	Causes skin irritation
	Causes serious eye irritation
H350	May post-
H373	May cause cancer
	May cause damage to organs through prolonged or repeated exposure
H400	
	Very toxic to aquatic life

2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.

NFPA fire hazard NFPA reactivity

2 - Must be moderately heated or exposed to relatively high temperature before ignition can occur.

0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



Prepared by: Technical Department

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 vendees or users assume oil risks associated with the use of this meterial.