/ersion 1.5	Revision Date: 09/16/2015		)S Number: )00001449	Country: US Language: EN
SECTION	1. IDENTIFICATION			
Produ	uct name	: F	PRO-GRO®	
Produ	uct code	: (	00000001449	
Manu	facturer or supplier	s detail	S	
Comp	any:	2 1 (	MacDermid Ag 245 Freight St Waterbury, CT United States of 06702 Felephone : +1	
Prepa	red by	5	sds.request@ary	zsta.com
			Further informa sds.request@ary	tion for the safety data sheet : sta.com
I.4 Emerç	jency telephone nur	nber		
Emerg	gency telephone number	J		Solutions: +1 800 423 8569(24 hours) 800-424-9300 mergency telephone numbers see section 16 of the et.
Reco	mmended use of the	chemi	cal and restrie	ctions on use
Reco	mmended use		Fungicide Plant protectio	n agent
Restr	ictions on use	: /	Agriculture, Fo	r professional users only.
SECTION	2. HAZARDS IDENT	FICATI	N	

Acute toxicity (Oral)	:	Category 4
Acute toxicity (Dermal)	:	Category 4
Eye irritation	:	Category 2A
Carcinogenicity	:	Category 1A

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	ific target organ toxicity eated exposure (Oral)	: Category 2	
Acut	e aquatic toxicity	: Category 1	
Chro	nic aquatic toxicity	: Category 1	
	<b>Label element</b> ard pictograms		
Sign	al word	: Danger	
Haza	ard statements	H319 Causes H350 May cau H373 May cau peated exposi	Harmful if swallowed or in contact with skin serious eye irritation. use cancer. use damage to organs through prolonged or re- ure if swallowed. cic to aquatic life with long lasting effects.
Prec	autionary statements	P202 Do not h and understoo P260 Do not b P264 Wash sk P270 Do not e P273 Avoid re P280 Wear ey P280 Wear pr P281 Use per <b>Response:</b> P301 + P312 - CENTER or d P302 + P352 - water. Call a F unwell. P305 + P351 - for several min to do. Continu P308 + P313 attention. P363 Wash co P391 Collect s <b>Storage:</b> P405 Store loo <b>Disposal:</b>	<ul> <li>breathe dust/ fume/ gas/ mist/ vapours/ spray.</li> <li>cat, drink or smoke when using this product.</li> <li>lease to the environment.</li> <li>re protection/ face protection.</li> <li>otective gloves/ protective clothing.</li> <li>sonal protective equipment as required.</li> <li>+ P330 IF SWALLOWED: Call a POISON</li> <li>octor/ physician if you feel unwell. Rinse mouth.</li> <li>+ P312 IF ON SKIN: Wash with plenty of soap and POISON CENTER or doctor/ physician if you feel</li> <li>+ P338 IF IN EYES: Rinse cautiously with water nutes. Remove contact lenses, if present and easy e rinsing.</li> <li>IF exposed or concerned: Get medical advice/</li> <li>If eye irritation persists: Get medical advice/ attenontaminated clothing before reuse.</li> <li>spillage.</li> </ul>

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posal plant.

#### Other hazards

Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture	:	Mixture
---------------------	---	---------

Chemical nature : Fungicide

### Hazardous components

Chemical Name	CAS-No.	Concentration (% w/w)
thiram	137-26-8	>= 30 - < 50
carboxin	5234-68-4	>= 20 - < 30
kaolin	1332-58-7	>= 10 - < 20
titanium dioxide	13463-67-7	>= 0.1 - < 1

#### **SECTION 4. FIRST AID MEASURES**

If inhaled	:	Remove to fresh air. If not breathing, give artificial respiration. Obtain medical attention.
In case of skin contact	:	Remove contaminated clothing and shoes. Wash off with warm water and soap. If symptoms persist, call a physician. Wash clothing before reuse.
In case of eye contact	:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Obtain medical attention.
If swallowed	:	Do NOT induce vomiting. Rinse mouth with water. Obtain medical attention.
Most important symptoms and effects, both acute and delayed	:	irritant effects Symptoms may be delayed. Harmful if swallowed or in contact with skin Causes serious eye irritation. May cause cancer. May cause damage to organs through prolonged or repeated exposure.
Notes to physician	:	The first aid procedure should be established in consultation with the doctor responsible for industrial medicine.

#### **SECTION 5. FIREFIGHTING MEASURES**

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Suit	able extinguishing media	:	Extinguishing med Alcohol-resistant f (on small fires) Carbon dioxide (Cu Dry chemical Water spray	oam
Uns	uitable extinguishing media	:	Water spray jet	
Furt	her information	:	Prevent fire exting or the ground wate	uishing water from contaminating surface water r system.
1	cial protective equipment for ighters	: :		tective clothing, full "turn-out" gear. athing apparatus (EN 133)

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency pro- cedures	: Wear suitable protective equipment. Avoid contact with skin and eyes.
Environmental precautions	: Do not allow contact with soil, surface or ground water. Do not flush into surface water or sanitary sewer system.
Methods and materials for con- tainment and cleaning up	: Pick up and arrange disposal without creating dust.

### SECTION 7. HANDLING AND STORAGE

Advice on safe handling	<ul> <li>Use plant protection products safely. Always read the label and product information before use.</li> <li>Handle in accordance with good industrial hygiene and safety practice.</li> <li>Avoid contact with skin, eyes and clothing.</li> <li>Wear personal protective equipment.</li> <li>Use with adequate ventilation.</li> <li>Avoid dust formation.</li> <li>Keep away from sources of ignition - No smoking.</li> <li>May form explosive dust-air mixture.</li> <li>Take precautionary measures against static discharges.</li> </ul>
Conditions for safe storage	: Store in original container. Keep tightly closed in a dry, cool and well-ventilated place.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

Components	CAS-No.	Value type (Form of ex-	Control parameters / Permissible con-	Basis
------------	---------	----------------------------	--	-------

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		posure)	centration	
thiram	137-26-8	TWA (Inhala-	0.05 mg/m3	ACGIH
		ble fraction	6	
		and vapor)		
		TWA	5 mg/m3	OSHA Z-1
		TWA	5 mg/m3	OSHA P0
		TWA	5 mg/m3	NIOSH REL
kaolin	1332-58-7	TWA (Respir-	2 mg/m3	ACGIH
		able fraction)	_	
		TWA (total	15 mg/m3	OSHA Z-1
		dust)		
		TWA (respir-	5 mg/m3	OSHA Z-1
		able fraction)		
		TWA (Respir-	5 mg/m3	NIOSH REL
		able)		
		TWA (total)	10 mg/m3	NIOSH REL
		TWA (Total	10 mg/m3	OSHA P0
		dust)		
		TWA (respir-	5 mg/m3	OSHA P0
		able dust frac-		
		tion)		
titanium dioxide	13463-67-7	TWA	10 mg/m3	ACGIH
		TWA (total	15 mg/m3	OSHA Z-1
		dust)		
		TWA (Total	10 mg/m3	OSHA P0
		dust)		
		TWA	10 mg/m3	ACGIH
			(Titanium dioxide)	

### Hazardous components without workplace control parameters

Components	CAS-No.
carboxin	5234-68-4

### Personal protective equipment

Respiratory protection	: Wear a NIOSH/MSHA approved dust respirator if dusting occurs, or there is potential for airborne exposures to exceed established threshold values.
Hand protection	
Remarks	: Impervious gloves
Eye protection	: Safety glasses with side-shields
Skin and body protection	: Impervious clothing

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	solid
Colour	:	off-white

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	Odour		:	slight, musty	
	Odour 7	Threshold	:	No data available	
	рН		:	No data available	)
	Melting	point/range	:	No data available	)
	Boiling	point/boiling range	:	Not applicable	
	Flash po	oint	:	112 °C	
	Evapora	ation rate	:	No data available	
	Upper e	explosion limit	:	No data available	)
	Lower e	explosion limit	:	No data available	)
	Vapour	pressure	:	Not applicable	
	Relative	e vapour density	:	Not applicable	
	Relative	e density	:	No data available	
	Solubili Wate	ity(ies) er solubility	:	No data available	3
	Solul	bility in other solvents	:	No data available	
	Partition octanol/	n coefficient: n- /water	:	No data available	)
	Auto-ig	nition temperature	:	not determined	
	Decomp	position temperature	:	No data available	)
	Viscosi Visco	ty osity, dynamic	:	Not applicable	
	Visco	osity, kinematic	:	Not applicable	
		celerating decomposition ture (SADT)	ı :	Method: No infor	mation available.

### SECTION 10. STABILITY AND REACTIVITY

Possibility of hazardous reac- tions	:	Hazardous polymerisation does not occur.
Incompatible materials	:	Oxidizing agents Strong acids and strong bases
Hazardous decomposition prod-	:	Carbon oxides

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ucts		Nitrogen oxides (NOx)	
ECTION	11. TOXICOLOGICA	L INFORMATION	
<b>Inforn</b> Skin co Inhalat Eye co	tion	s of exposure	
Acute	toxicity		
Produ	ıct:		
	oral toxicity	: LD50 (Rat): 1,326 mg/kg	
Acute	inhalation toxicity	: LC50 (Rat): > 5.8 mg/l	
		Acute toxicity estimate: 6.95 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Calculation method	
Acute	dermal toxicity	: LD50 (Rabbit): > 2,000 mg/kg	
<u>Comp</u>	oonents:		
thiran	n: oral toxicity	: LD50 (Rat, female): 1,800 mg/kg	
Acute	inhalation toxicity	: LC50 (Rat, female): 3.46 mg/l Exposure time: 4 h Test atmosphere: dust/mist	
Acute	dermal toxicity	: LD50 (Rabbit): > 2,000 mg/kg	
carbo			
Acute	oral toxicity	: LD50 (Rat, male): 2,588 mg/kg	
Acute	inhalation toxicity	<ul> <li>LC50 (Rat, male and female): &gt; 4.7 mg/l Exposure time: 4 h Assessment: The substance or mixture has no acute inhation toxicity Remarks: An LC50/inhalation/4h/rat could not be determine because no mortality of rats was observed at the maximu achievable concentration.</li> </ul>	ned
Acute	dermal toxicity	: LD50 (Rabbit, male and female): > 4,000 mg/kg	
kaolir			
Acute	oral toxicity	: LD50 (Rat): > 5,000 mg/kg	
Acute	dermal toxicity	: LD50 (Rat): > 5,000 mg/kg	
	um dioxide: oral toxicity	: LD50 (Rat): > 10,000 mg/kg	

Country: US

MSDS Number:

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Acu	te inhalation toxicity	: LC50 (Rat): > 6 Exposure time: Test atmosphere	4 h	
Acu	te dermal toxicity	: LD50 (Rabbit):	> 10,000 mg/kg	
Ski	n corrosion/irritation			
Spe Ass	<u>duct:</u> ecies: Rabbit essment: No skin irritatio sult: No skin irritation	on		
thir Spe	<b>nponents:</b> <b>am:</b> ecies: Rabbit sult: No skin irritation			
Spe	boxin: ccies: Rabbit sult: No skin irritation			
Spe	<b>nium dioxide:</b> ccies: Rabbit cult: No skin irritation			
Ser	ious eye damage/eye iı	rritation		
Spe Res	<u>duct:</u> ecies: Rabbit sult: Severe irritation essment: Causes severe	e burns.		
Cor	nponents:			
Spe Res	<b>am:</b> cies: Rabbit sult: Irritating to eyes. essment: Irritating to eye	95.		
Spe Res	<b>boxin:</b> ccies: Rabbit cult: slight irritation essment: No eye irritatio	n		
Spe	nium dioxide: cies: Rabbit sult: No eye irritation			

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### Respiratory or skin sensitisation

### Product:

Species: Guinea pig Result: Did not cause sensitisation on laboratory animals.

### **Components:**

**thiram:** Species: Guinea pig Assessment: May cause sensitisation by skin contact. Result: Causes sensitisation.

### carboxin:

Species: Guinea pig Assessment: May cause sensitisation by skin contact. Method: Magnusson-Kligmann-Test Result: positive GLP: yes

### titanium dioxide:

Species: Guinea pig Assessment: Did not cause sensitisation on laboratory animals.

#### Germ cell mutagenicity

Components:		
thiram: Genotoxicity in vitro	:	Species: Salmonella typhimurium Method: Mutagenicity (Salmonella typhimurium - reverse mu- tation assay) Result: positive
	:	Species: Chinese hamster ovary cells Result: negative
	:	Species: Chinese hamster ovary cells Method: In Vitro mammalian Cell Gene Mutation Test Result: negative
Genotoxicity in vivo	:	Test Type: Mammalian bone marrow chromosome aberration test Species: Mouse Result: negative
Germ cell mutagenicity - Assessment	:	negative
carboxin: Genotoxicity in vitro		Test Type: Bacterial reverse mutation test Species: Salmonella typhimurium Result: negative
	:	Test Type: Chromosome aberration test in vitro

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			se hamster ovary cells e without activation, positive with activation
			tro mammalian Cell Gene Mutation Test se hamster ovary cells e
		: Test Type: Unso Species: rat hep Result: positive	cheduled DNA synthesis (UDS) batocytes
Genot	oxicity in vivo	test	nmalian bone marrow chromosome aberration ue-Dawley rat bone marrow cells
		Test Type: Mam test	nmalian bone marrow chromosome aberration ue-Dawley rat bone marrow cells
			cheduled DNA synthesis (UDS) Sprague-Dawley rat liver hepatocyte cells e
	cell mutagenicity - sment	: negative	
titaniı	um dioxide:		
Genot	oxicity in vitro	: Test Type: Ame Metabolic activa Result: negative	tion: with and without metabolic activation
		: Test Type: Unso Result: negative	cheduled DNA synthesis (UDS)
		: Test Type: in vit Metabolic activa Result: negative	tion: with and without metabolic activation
			pmosome aberration test in vitro ation: with and without metabolic activation
Genot	oxicity in vivo	: Test Type: in viv Species: Rat (fe Application Rou Result: negative	emale) te: Oral
	cell mutagenicity - sment	: Animal testing die	d not show any mutagenic effects.

ersion .5	Revision Date: 09/16/2015	MSDS Number: 000000001449	Country: US Language: EN	
Carci	nogenicity			
Com	ponents:			
Applio	<b>n:</b> ies: Rat cation Route: Oral EL: No observed adver	se effect level: 1.5 mg	′kg bw/day	
Carci ment	nogenicity - Assess-	: negative		
Applic	<b>oxin:</b> ies: Rat, (male) cation Route: Oral EL: No observed adver	se effect level: 0.82 m	g/kg bw/day	
Carci ment	nogenicity - Assess-	: negative		
	<b>um dioxide:</b> nogenicity - Assess-	: Not classifiable a	s a human carcinogen.	
		noticed after prol	of carcinogenicity in animal studies, Tumors we onged inhalation toxicity testing on rats., Consid- to animals in certain countries.	
IARC	;	Group 1: Carcinog	enic to humans	
		kaolin	1332-58	8-7
		Group 2B: Possibl	/ carcinogenic to humans	
		titanium dioxide	13463-67	-7
OSH	Α		his product present at levels greater than or entified as a carcinogen or potential carcino-	
NTP		Known to be huma	n carcinogen	
		kaolin	1332-58	8-7
Repr	oductive toxicity			
Com	ponents:			
<b>thirar</b> Effect	<b>n:</b> ts on fertility	2.3 mg/kg bw/d	<ul> <li>Parent: No observed adverse effect level:</li> <li>ay</li> <li>F1: No observed adverse effect level F1: 9</li> </ul>	
		11 / 20		

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Effec	cts on foetal develop- t	<ul> <li>Early Embryonic Development: No observed adverse effect level F2: 3 mg/kg bw/day</li> <li>Species: Rabbit General Toxicity Maternal: No observed adverse effect level: 10 mg/kg bw/day Teratogenicity: No observed adverse effect level: 10 mg/kg bw/day</li> <li>Species: Rat Teratogenicity: No observed adverse effect level: 7.5 mg/kg</li> </ul>
-	oductive toxicity - As- ment	<ul> <li>Teratogenicity: No observed adverse effect level: 7.5 mg/kg bw/day</li> <li>: negative negative</li> </ul>
	oxin: cts on fertility	<ul> <li>General Toxicity - Parent: No observed adverse effect level: 1 mg/kg bw/day</li> <li>General Toxicity F1: No observed adverse effect level F1: 20 mg/kg bw/day</li> <li>Early Embryonic Development: No observed adverse effect level F2: 10 mg/kg bw/day</li> </ul>
Effec ment	cts on foetal develop- t	<ul> <li>Species: Rat General Toxicity Maternal: No observed adverse effect level: 10 mg/kg bw/day Teratogenicity: No observed adverse effect level: 90 mg/kg bw/day</li> <li>Species: Rabbit General Toxicity Maternal: No observed adverse effect level: 75 mg/kg bw/day</li> </ul>
•	oductive toxicity - As- ment	<ul><li>Teratogenicity: No observed adverse effect level: 75 mg/kg bw/day</li><li>negative negative</li></ul>
STO	T - single exposure	
<u>Prod</u> Rema	luct: arks: No data available	
STO	T - repeated exposure	

### Components:

### titanium dioxide:

Assessment: The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

### Repeated dose toxicity

### **Components:**

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### thiram:

Species: Rat NOAEL: 2.5 mg/kg Application Route: Oral Exposure time: 90 d Target Organs: Stomach

Species: Rabbit NOAEL: 300 mg/kg Application Route: Dermal Exposure time: 21 d

Species: Dog NOAEL: 2 mg/kg Application Route: Oral Exposure time: 90 d Target Organs: Liver

### carboxin:

Species: Rat, male NOAEL: 30 mg/kg Application Route: Dermal Exposure time: 28 d GLP: yes Target Organs: Kidney

Species: Rat, male NOAEL: 5.5 mg/kg Application Route: Oral Exposure time: 90 d GLP: yes Target Organs: Kidney

### **SECTION 12. ECOLOGICAL INFORMATION**

### Ecotoxicity

#### **Components:**

<b>thiram:</b> Toxicity to fish	: LC50 (Oncorhynchus mykiss (rainbow trout)): 0.046 mg/l Exposure time: 96 h Test Type: static test
Toxicity to daphnia and other aquatic invertebrates	: EC50 (Daphnia magna (Water flea)): 0.011 mg/l Exposure time: 48 h Test Type: static test
Toxicity to algae	<ul> <li>EC50 (Pseudokirchneriella subcapitata (green algae)): 0.065 mg/l</li> <li>Exposure time: 120 h</li> <li>Test Type: static test</li> </ul>

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	ty to daphnia and other c invertebrates (Chron- city)		magna (Water flea)): 0.008 mg/l time: 21 d
<b>carboxin:</b> Toxicity to fish		Exposure	corhynchus mykiss (rainbow trout)): 2.3 mg/l time: 96 h :: flow-through test
	ty to daphnia and other c invertebrates	Exposure	phnia magna (Water flea)): > 57 mg/l time: 48 h :: flow-through test
Toxicit	ty to algae	mg/l Exposure	eudokirchneriella subcapitata (green algae)): 0.48 time: 5 d :: static test
Toxicit icity)	ty to fish (Chronic tox-		yprinus carpio (Carp)): 0.32 mg/l time: 21 d
	ty to daphnia and other c invertebrates (Chron- city)		aphnia magna (Water flea)): 0.32 mg/l time: 17 d
	: ty to daphnia and other c invertebrates		phnia magna (Water flea)): > 1,100 mg/l time: 48 h
	<b>im dioxide:</b> ty to fish	Exposure	ciscus idus (Golden orfe)): 1,000 mg/l time: 48 h :: static test
		370 mg/l	prinodon variegatus (sheepshead minnow)): 240 - time: 96 h
Persis	stence and degradabil	ty	
thiram	onents: n: gradability	: Result: N	ot readily biodegradable.
<b>carbo</b> : Biodeç	<b>xin:</b> gradability	: Result: N	ot readily biodegradable.
Bioac	cumulative potential		
<u>Comp</u>	onents:		

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	<b>m:</b> tion coefficient: n- nol/water	: log Pow: 2.1	
	<b>oxin:</b> tion coefficient: n- nol/water	: log Pow: 2.3	
No da	i <b>lity in soil</b> ata available		
Othe	r adverse effects		
<u>Prod</u> Ozor	uct: ne-Depletion Potential	tection of Strato Substances Remarks: This pro a Class I or Class	CFR Protection of Environment; Part 82 Pro- spheric Ozone - CAA Section 602 Class I oduct neither contains, nor was manufactured with II ODS as defined by the U.S. Clean Air Act Sec- 82, Subpt. A, App.A + B).
Addit matic	ional ecological infor- on		a available for this product. the environment.
thira Resu asse <b>carb</b> Resu	lts of PBT and vPvB ssment	lating and toxic	is not considered to be persistent, bioaccumu-

### SECTION 13. DISPOSAL CONSIDERATIONS

Waste from residues : In accordance with local and national regulations.

### **SECTION 14. TRANSPORT INFORMATION**

International Regulation	
<b>UNRTDG</b> UN number Proper shipping name	: UN 3077 : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,
	N.O.S. (thiram, carboxin)
Class	: 9
Packing group	: 111

Versi 1.5	ion	Revision Date: 09/16/2015		DS Number: 0000001449	Country: US Language: EN
	Labels		:	9	
	IATA-D				
	UN/ID I		:	UN 3077	
	Proper	shipping name	:		ALLY HAZARDOUS SUBSTANCE, SOLID, nentally hazardous substance, solid, n.o.s. n)
(	Class		:	9	
I	Packing	g group	:	111	
I	Labels		:	Miscellaneous	
i	aircraft		:	956	
	Packinę ger airc	g instruction (passen- craft)	:	956	
	IMDG-0	Code			
	UN nun			UN 3077	
	Proper	shipping name	:	N.O.S.	ALLY HAZARDOUS SUBSTANCE, SOLID,
	Class			(thiram, carboxi 9	n)
	Packing	a aroup	÷	5 	
	Labels	5.5	:	9	
	EmS C		:	F-A, S-F	
	Marine	pollutant	:	yes	
Transport in bulk accordin		j to /	Annex II of MAR	POL 73/78 and the IBC Code	
	Not applicable for product as		supp	olied.	
ĺ	Nation	al Regulations			
	49 CFR	2			
I	UN/ID/I	NA number	:	UN 3077	
	Proper	shipping name	:		ALLY HAZARDOUS SUBSTANCE, SOLID, INMENTALLY HAZARDOUS SUBSTANCES, n)
(	Class		:	9	,
	Packing	g group	:	III	
	Labels	-	:	CLASS 9	
	ERG C	ode	:	171	
ĺ	Marine	pollutant	:	yes(thiram, carb	oxin)
l	Remark	<s< td=""><td>:</td><td>RQ appllies</td><td></td></s<>	:	RQ appllies	
					DOT and TDG if shipped or transported in han 20 Lbs by road and/or rail. Please refer by details.

### SECTION 15. REGULATORY INFORMATION

### EPCRA - Emergency Planning and Community Right-to-Know Act

**CERCLA Reportable Quantity** 

Components CAS-No. Component RQ Component RQ (lbs)	
--	--

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		(lbs)	
Thiram	137-26-8	10	20

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SSARA 311/312 Hazards	:	Acute Health Hazard Chronic Health Hazard			
SARA 302	:	No chemicals in this material are subject to the reporting require- ments of SARA Title III, Section 302.			
SARA 313	:	The following components are subject to reporting levels es- tablished by SARA Title III, Section 313:			
		thiram	137-26-8	49.7495 %	
		carboxin	5234-68-4	29.7371 %	

#### **Clean Air Act**

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489).

#### **Clean Water Act**

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

naphthalene 91-20-3 0.000 % The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

naphthalene 91-20-3 0.000 % This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

TSCA list Not relevant

Not relevant

### FIFRA Hazard Information:

This chemical is a pesticide product registered by the United States 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 (SDS), and for

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workplace labels of non-pesticide chemicals. The pesticide label also includes other important information, including directions for use.

The hazard information required on the pesticide label is reproduced below.

### DANGER

Corrosive. Causes irreversible eye damage. Do not get in eyes or on clothing. Harmful if inhaled. Avoid breathing dust. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

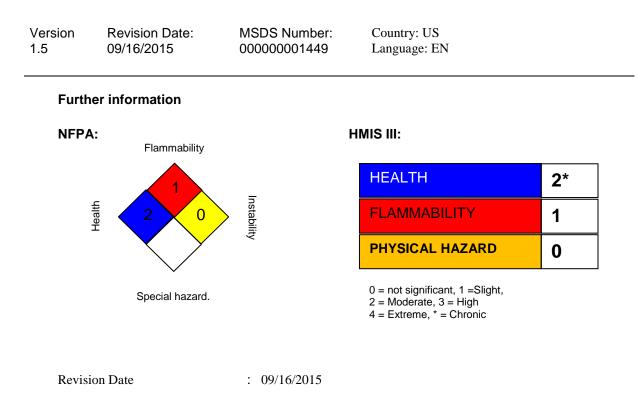
This pesticide is toxic to fish and aquatic invertebrates and may cause reproductive effects in wildlife. Do not apply directly to water or areas where surface water is present or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash water.

### SECTION 16. OTHER INFORMATION

### Full text of other abbreviations

(Q)SAR - (Quantitative) Structure Activity Relationship; ASTM - American Society for the Testing of Materials; bw - Body weight; DIN - Standard of the German Institute for Standardisation; ECx -Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; IARC - International Agency for Research on Cancer; IATA -International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISO - International Organisation for Standardization; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative; DSL - Domestic Substances List (Canada); KECI - Korea Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); AICS - Australian Inventory of Chemical Substances; IECSC - Inventory of Existing Chemical Substances in China; ENCS - Existing and New Chemical Substances (Japan); ISHL - Industrial Safety and Health Law (Japan); PICCS - Philippines Inventory of Chemicals and Chemical Substances; NZIoC - New Zealand Inventory of Chemicals; TCSI - Taiwan Chemical Substance Inventory; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; DOT - Department of Transportation; EHS - Extremely Hazardous Substance; HMIS - Hazardous Materials Identification System; MSHA - Mine Safety and Health Administration; NFPA - National Fire Protection Association: RCRA - Resource Conservation and Recovery Act: RQ - Reportable Quantity; SARA - Superfund Amendments and Reauthorization Act; CMR - Carcinogen, Mutagen or Reproductive Toxicant; GLP - Good Laboratory Practice; ERG - Emergency Response Guide; NTP - National Toxicology Program; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods

## **PRO-GRO**®



The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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