according to the Hazardous Products Regulations



### Muster® 75 WG Herbicide

Version 1.0	Revision Date: 12/01/2023	SDS Number: 50000919	Date of last issue: - Date of first issue: 12/01/2023
SECTION	1. IDENTIFICATION		
	<u>uct identifier</u> uct name	Muster® 75 V	/G Herbicide
	r means of identificati uct code	<u>on</u> 50000919	
Produ ber	uct Registration Num-	PCP #21555	
Reco	mmended use of the	chamical and restri	ctions on use
	mmended use of the t		as herbicide only.
Reco		Can be used	
Restr	ictions on use	Use as recom	mended by the label.
Detai	Is of the supplier of th	ne safety data shee	t
	<u>ifacturer</u>	FMC of Cana 6755 Mississa Mississauga, Canada Phone (AgHo	da Ltd auga Road, Suite 204 ON L5N 7Y2 tline): 1-833-FMC-PPAC (1-833-362-7722), g.fmc.com/ca/en
<u>Supp</u>	<u>lier Address</u>	FMC of Cana 6755 Mississa Mississauga, Canada	auga Road, Suite 204
<u>Emer</u>	gency telephone	1 800 / 424-9 1 703 / 741-5 1 703 / 527-3 Medical emer U.S.A. & Can	spill or accident emergencies, call: 300 (CHEMTREC - U.S.A.) 970 (CHEMTREC - International) 887 (CHEMTREC - Alternate) gency: ada: +1 800 / 331-3148 tries: +1 651 / 632-6793 (Collect)

#### **SECTION 2. HAZARDS IDENTIFICATION**

**GHS classification in accordance with the Hazardous Products Regulations** Not a hazardous substance or mixture.

#### GHS label elements

Not a hazardous substance or mixture.

according to the Hazardous Products Regulations



## Muster® 75 WG Herbicide

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	12/01/2023	50000919	Date of first issue: 12/01/2023

### Other hazards

Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

#### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

#### Components

	Common Name/Synonym	CAS-No.	Concentration (% w/w)
ethametsulfuron-methyl (ISO)	ethametsulfu- ron-methyl (ISO)	97780-06-8	>= 70 - < 80 *
Talc (Mg3H2(SiO3)4)	Talc (Mg3H2(SiO3)4)	14807-96-6	>= 5 - < 10 *
sucrose	sucrose	57-50-1	>= 1 - < 5 *

\* Actual concentration or concentration range is withheld as a trade secret

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

General advice	:	Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.
If inhaled	:	Move to fresh air. If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of skin contact	:	If on skin, rinse well with water. If on clothes, remove clothes. Get medical attention if irritation develops and persists.
In case of eye contact	:	Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	:	Keep respiratory tract clear. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.
Most important symptoms and effects, both acute and delayed	:	None known.
Protection of first-aiders	:	First Aid responders should pay attention to self-protection and use the recommended protective clothing If potential for exposure exists refer to Section 8 for specific

according to the Hazardous Products Regulations



## Muster® 75 WG Herbicide

**Environmental precautions** 

Version 1.0	Revision Date: 12/01/2023		DS Number: 000919	Date of last issue: - Date of first issue: 12/01/2023
			personal protectiv	e equipment.
Not	es to physician	:	Treat symptomati	cally.
SECTIO	N 5. FIRE-FIGHTING ME	ASL	JRES	
Suit	able extinguishing media	:	Dry chemical, CO	2, water spray or regular foam.
Uns med	suitable extinguishing dia	:	Do not spread spi streams.	lled material with high-pressure water
Spe figh	ecific hazards during fire ting	:	Do not allow run-o courses.	off from fire fighting to enter drains or water
Haz	zardous combustion prod-	:	Hazardous combu Sulfur oxides Nitrogen oxides (f Ammonia Carbon oxides	
Spe ods	cific extinguishing meth-	:	SO.	ged containers from fire area if it is safe to do to cool fully closed containers.
Fur	ther information	:	Use extinguishing	re for chemical fires. measures that are appropriate to local cir- he surrounding environment.
			must not be disch Fire residues and	ted fire extinguishing water separately. This arged into drains. contaminated fire extinguishing water must accordance with local regulations.
	ecial protective equipment fire-fighters	:	Firefighters should breathing apparat	d wear protective clothing and self-contained us.
SECTIO	N 6. ACCIDENTAL RELE	AS	E MEASURES	
tive	sonal precautions, protec- equipment and emer- cy procedures	:		done, stop the leak. alk through the spilled material. ective equipment. ion.

:

Avoid breathing dust.

unauthorized personnel.

equipment may intervene.

Never return spills in original containers for re-use.

For disposal considerations see section 13.

Prevent product from entering drains.

Mark the contaminated area with signs and prevent access to

Only qualified personnel equipped with suitable protective



## Muster® 75 WG Herbicide

Vers 1.0	sion	Revision Date: 12/01/2023		DS Number: 000919	Date of last issue: - Date of first issue: 12/01/2023
					akage or spillage if safe to do so. taminates rivers and lakes or drains inform ties.
		ds and materials for ment and cleaning up	:	Keep in suitable,	closed containers for disposal.
SEC	TION 7	. HANDLING AND ST	OR	AGE	
		on protection against d explosion	:	Provide appropria is formed.	te exhaust ventilation at places where dust
				Normal measures	for preventive fire protection.
	Advice	on safe handling	:	Smoking, eating a plication area.	n skin and eyes. ection see section 8. and drinking should be prohibited in the ap- vater in accordance with local and national
	Conditi	ons for safe storage	:	place. Containers which kept upright to pre	ions / working materials must comply with
	Furthei age sta	r information on stor- ability	:	No decompositior	if stored and applied as directed.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
Talc (Mg3H2(SiO3)4)	14807-96-6	TWAEV (fi- bers)	1 fibres per cubic centimeter	CA QC OEL
		TWAEV (respirable dust)	2 mg/m3	CA QC OEL
		TWA	0.1 fibres per cubic centimeter	CA BC OEL
		TWA (Res- pirable par- ticulates)	2 mg/m3	CA AB OEL
		TWA (Res- pirable)	2 mg/m3	CA BC OEL
		TWA	2 fibres per cubic centimeter	CA ON OEL

### Ingredients with workplace control parameters

according to the Hazardous Products Regulations



# Muster® 75 WG Herbicide

ersion 0	Revision Date: 12/01/2023	SDS Number: 50000919	Date of las Date of firs	st issue: - st issue: 12/01/2023	
			TWA (Res- pirable frac- tion)	2 mg/m3	CA ON OE
			TWA	0.1 fibres per cubic centimeter	ACGIH
			TWA (Res- pirable par- ticulate mat- ter)	2 mg/m3	ACGIH
sucro	se	57-50-1	TWA	10 mg/m3	CA AB OEI
30010		57 50 1	TWA (Total dust)	10 mg/m3	CA BC OE
			TWA (respir- able dust fraction)	3 mg/m3	CA BC OE
			TWAEÝ	10 mg/m3	CA QC OE
			TWA	10 mg/m3	ACGIH
Resp	iratory protection	: In the case approved fil		formation use respir	ator with an
	protection aterial		ical resistant glove r or nitrile rubber.	es, such as barrier la	iminate,
Re	emarks		ity for a specific w ducers of the prot	vorkplace should be o tective gloves.	discussed
Eye p	protection		ottle with pure wa g safety goggles	ter	
Skin a	and body protection	Choose boo	vious protective su	uit ording to the amount a substance at the work	
Prote	ctive measures	Always hav structions. Ensure that located clos	e on hand a first-a		proper in-
Hygie	ene measures	Avoid conta Do not brea When using When using	lustrial hygiene pra act with skin, eyes of the dust or spray of do not eat or drir of do not smoke. s before breaks a	and clothing. mist.	kday.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

according to the Hazardous Products Regulations



Version 1.0	Revision Date: 12/01/2023		S Number: 000919	Date of last issue: - Date of first issue: 12/01/2023
Phys	ical state	:	solid	
Color		:	off-white	
Odor		:	mild, sulfurous	
рН		:	7.0 (20 °C) Concentration: 1	0 g/l 1 %
Meltir	ng point/freezing point	:	ca. 155 - 160 °C	
Boilin	g point/boiling range	:	No data available	
Flash	point	:	Not applicable	
Flam	mability (solid, gas)	:	The product is no	ot flammable.
Self-i	gnition	:	not auto-flammal	ble
	r explosion limit / Upper nability limit	:	No data available	9
	r explosion limit / Lower nability limit	:	0.07 mg/m3	
Vapo	r pressure	:	Not applicable	
Relat	ive density	:	Not available for	this mixture.
Dens	ity	:	No data available	9
Bulk	density	:	0.84 g/cm3 pack	ed
	pility(ies) ater solubility	:	dispersible	
So	olubility in other solvents	:	No data available	9
	ion coefficient: n- ol/water	:	Not applicable	
Autoi	gnition temperature	:	No data available	9
Deco	mposition temperature	:	No data available	9
Visco Vi	sity scosity, dynamic	:	Not applicable	
Vi	scosity, kinematic	:	Not applicable	

according to the Hazardous Products Regulations



# Muster® 75 WG Herbicide

Version 1.0	Revision Date: 12/01/2023	SDS Number: 50000919	Date of last issue: - Date of first issue: 12/01/2023	
Explo	sive properties	: Not explosive	9	
Oxidiz	zing properties	: The product i	is not oxidizing.	
Minim	num ignition energy	: 171 mJ		

### SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	No decomposition if stored and applied as directed.
Chemical stability	:	No decomposition if stored and applied as directed.
Possibility of hazardous reac- tions	:	No decomposition if stored and applied as directed. Dust may form explosive mixture in air.
Conditions to avoid	:	Heat, flames and sparks.
		Avoid extreme temperatures. Avoid dust formation.
Incompatible materials	:	Avoid strong acids, bases, and oxidizers.
Hazardous decomposition products	:	Stable under recommended storage conditions.

### SECTION 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

Not classified based on available information.

### Product:

Acute oral toxicity :	LD50 (Rat): > 5,000 mg/kg Method: US EPA Test Guideline OPP 81-1 GLP: yes Assessment: The substance or mixture has no acute oral tox- icity
Acute inhalation toxicity :	Acute toxicity estimate: 7.14 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Calculation method Assessment: The substance or mixture has no acute inhala- tion toxicity
Acute dermal toxicity :	LD50 (Rat): > 2,000 mg/kg Method: US EPA Test Guideline OPP 81-2 GLP: yes Assessment: The component/mixture is minimally toxic after single contact with skin.

according to the Hazardous Products Regulations



Version 1.0	Revision Date: 12/01/2023	-	OS Number: 000919	Date of last issue: - Date of first issue: 12/01/2023
Com	ponents:			
etha	metsulfuron-methyl (I	SO):		
Acute	e oral toxicity	:	LD50 (Rat, ma	ale and female): > 5,000 mg/kg
Acute	e inhalation toxicity	:	LC50 (Rat, ma Exposure time Test atmosphe Remarks: no r	ere: dust/mist
Acute	e dermal toxicity	:		ale and female): > 2,000 mg/kg D Test Guideline 402
			LD50 (Rabbit,	male and female): > 2,000 mg/kg
Talc	(Mg3H2(SiO3)4):			
	e oral toxicity	:		e): > 5,000 mg/kg D Test Guideline 423 nortality
Acute	e inhalation toxicity	:	Exposure time Test atmosphere	ere: dust/mist D Test Guideline 403
Acute	e dermal toxicity	:		e and female): > 2,000 mg/kg D Test Guideline 402 nortality
sucr	ose:			
Acute	e oral toxicity	:	LD50 (Rat): 29	9,700 mg/kg
Skin	corrosion/irritation			
Not c	classified based on ava	ilable	information.	
Prod	luct:			
Spec		:	Rabbit	
Meth	od	:	OECD Test G	
Resu	ılt	:	No skin irritatio	วท
GLP		:	yes	
<u>Com</u>	ponents:			
etha	metsulfuron-methyl (I	SO):		
Spec		:	Rabbit	
Meth	od	:	OECD Test G	
Resu	lit	:	No skin irritatio	on

according to the Hazardous Products Regulations



# Muster® 75 WG Herbicide

Version 1.0	Revision Date: 12/01/2023	SDS Number: 50000919	Date of last issue: - Date of first issue: 12/01/2023
<b>Talc</b> Spec Rest		: reconstructed : No skin irritati	human epidermis (RhE) on
	ous eye damage/eye classified based on ava		
Proc Spec Resu Meth GLP	<b>luct:</b> cies ult nod	: Rabbit : No eye irritatio : OECD Test G : yes	
Com	iponents:		
<b>etha</b> Spec Resu Meth	ult	: Rabbit	es, reversing within 21 days uideline 405
Talc Spec Resu Meth	ult	: Rabbit : No eye irritatio : OECD Test G	
Res	piratory or skin sensi	tization	
•	sensitization	ailable information.	
-	piratory sensitization		
Proc Spec Meth Resu GLP	cies nod ult		Guideline OPP 81-6 d not cause sensitization by skin contact.
Com	iponents:		
	metsulfuron-methyl (	, ,	
Test	Туре	: Local lymph n	ode assay (LLNA)

Test Type	:	Local lymph node assay (LLNA)
Routes of exposure	:	Dermal
Species	:	Mouse
Method	:	OECD Test Guideline 429
Result	:	Does not cause skin sensitization.

### Talc (Mg3H2(SiO3)4):

Test Type

: Maximization Test

according to the Hazardous Products Regulations



Versi 1.0	ion	Revision Date: 12/01/2023		9S Number: 000919	Date of last issue: - Date of first issue: 12/01/2023			
: 	Routes Species Method Result		:	Dermal Guinea pig OECD Test Guide Does not cause sl				
;	Routes Species Result	of exposure	:	<ul> <li>Inhalation</li> <li>Rat</li> <li>Does not cause respiratory sensitization.</li> </ul>				
		ell mutagenicity sified based on availa	ble	information.				
<u>(</u>	Compo	<u>nents:</u>						
(	ethame	tsulfuron-methyl (IS	0):					
(	Genoto	xicity in vitro	:	Test Type: reverse Method: OECD Te Result: negative				
(	Genoto	xicity in vivo	:	Test Type: In vivo Species: Mouse (r Application Route Result: negative				
				Test Type: Cytoge Species: Rat (mal Application Route Result: negative	e and female)			
	Germ co Assessr	ell mutagenicity - nent	:	Weight of evidenc cell mutagen.	e does not support classification as a germ			
-	Talc (M	g3H2(SiO3)4):						
	•	xicity in vitro	:	Test Type: In vitro Result: negative	mammalian cell gene mutation test			
				Test Type: gene n Method: QSAR Result: negative	nutation test			
				Test Type: reverse Result: negative	e mutation assay			
(	Genoto	kicity in vivo	:	Test Type: domina Species: Rat (mal Application Route Result: negative	e)			
	Germ co Assessi	ell mutagenicity - ment	:	Weight of evidenc cell mutagen.	e does not support classification as a germ			

according to the Hazardous Products Regulations



sion	Revision Date: 12/01/2023	SDS Number: 50000919	Date of last issue: - Date of first issue: 12/01/2023
Carcii	nogenicity		
	assified based on availa	ble information.	
Comp	oonents:		
-	netsulfuron-methyl (IS	0):	
othan		•).	
Carcin ment	nogenicity - Assess-	: Weight of evi cinogen	dence does not support classification as a car-
Talc (	Mg3H2(SiO3)4):		
Specie		: Rat, male and	d female
•	ation Route	: Oral	
	sure time	: 101 days	
Dose		: 100 mg/kg bv	v/day
NOAE	L	: 100 mg/kg bv	
Metho		: OECD Test C	Guideline 453
Result	-	: negative	
	t Organs	: Stomach	
Tumo	r Туре	: Leiomyosarce	oma
Carain	nogenicity - Assess-	: Weight of evi	dence does not support classification as a car-
ment Repro	oductive toxicity assified based on availa	cinogen able information.	
ment <b>Repro</b> Not cla	oductive toxicity		
ment Repro Not cla <u>Comp</u>	oductive toxicity assified based on availa	able information.	
Repro Not cla <u>Comp</u> etham	oductive toxicity assified based on availa ponents:	able information. <b>O):</b> : Test Type: Ty Species: Rat	wo-generation study
Repro Not cla <u>Comp</u> etham	oductive toxicity assified based on availa <u>conents:</u> netsulfuron-methyl (IS	able information. <b>O):</b> : Test Type: Ty Species: Rat Application R	wo-generation study oute: Oral
Repro Not cla <u>Comp</u> etham	oductive toxicity assified based on availa <u>conents:</u> netsulfuron-methyl (IS	able information. <b>O):</b> : Test Type: Ty Species: Rat Application R Dose: 250, 50	wo-generation study oute: Oral 000, 20000 ppm
Repro Not cla <u>Comp</u> etham	oductive toxicity assified based on availa <u>conents:</u> netsulfuron-methyl (IS	able information. <b>O):</b> : Test Type: Ty Species: Rat Application R Dose: 250, 5 General Toxi	wo-generation study oute: Oral 000, 20000 ppm city Parent: NOEL: 20,000
Repro Not cla <u>Comp</u> etham	oductive toxicity assified based on availa <u>conents:</u> netsulfuron-methyl (IS	able information. <b>O):</b> : Test Type: Ty Species: Rat Application R Dose: 250, 5 General Toxi General Toxi	wo-generation study oute: Oral 000, 20000 ppm
Repro Not cla <u>Comp</u> etham	oductive toxicity assified based on availa <u>conents:</u> netsulfuron-methyl (IS	able information. <b>O):</b> : Test Type: The Species: Rate Application R Dose: 250, 50 General Toxi General Toxi General Toxi General Toxi	wo-generation study oute: Oral 000, 20000 ppm city Parent: NOEL: 20,000 city F1: NOEL: 5,000
ment Repro Not cla <u>Comp</u> etham Effects	oductive toxicity assified based on availa <u>conents:</u> netsulfuron-methyl (IS	able information. <b>O):</b> : Test Type: Ty Species: Rat Application R Dose: 250, 50 General Toxi General Toxi General Toxi Symptoms: N : Dose: 60, 250	wo-generation study oute: Oral 000, 20000 ppm city Parent: NOEL: 20,000 city F1: NOEL: 5,000 city F2: NOEL: 20,000 lo effects on fertility. 0, 1000, 4000mg/kg bw/d
ment Repro Not cla <u>Comp</u> etham Effects	oductive toxicity assified based on availa <u>conents:</u> netsulfuron-methyl (IS s on fertility	able information. <b>O):</b> : Test Type: Ty Species: Rat Application R Dose: 250, 50 General Toxi General Toxi General Toxi Symptoms: N : Dose: 60, 250 General Toxi	wo-generation study oute: Oral 000, 20000 ppm city Parent: NOEL: 20,000 city F1: NOEL: 5,000 city F2: NOEL: 20,000 lo effects on fertility.
ment Repro Not cla Comp etham Effects Effects	oductive toxicity assified based on availa <u>conents:</u> netsulfuron-methyl (IS s on fertility s on fetal development	able information. <b>O):</b> : Test Type: The Species: Rate Application R Dose: 250, 50 General Toxi General Toxi General Toxi Symptoms: N : Dose: 60, 250 General Toxi Development : Weight of evi	wo-generation study oute: Oral 000, 20000 ppm city Parent: NOEL: 20,000 city F1: NOEL: 5,000 city F2: NOEL: 20,000 lo effects on fertility. 0, 1000, 4000mg/kg bw/d city Maternal: NOEL: 1,000 mg/kg body weight cal Toxicity: NOEL: 1,000 mg/kg body weight dence does not support classification for repro-
ment Repro Not cla Comp etham Effects	oductive toxicity assified based on availa <u>conents:</u> netsulfuron-methyl (IS s on fertility s on fetal development	able information. <b>O):</b> : Test Type: Ty Species: Rat Application R Dose: 250, 5 General Toxi General Toxi General Toxi Symptoms: N : Dose: 60, 25 General Toxi Development	wo-generation study oute: Oral 000, 20000 ppm city Parent: NOEL: 20,000 city F1: NOEL: 5,000 city F2: NOEL: 20,000 lo effects on fertility. 0, 1000, 4000mg/kg bw/d city Maternal: NOEL: 1,000 mg/kg body weight cal Toxicity: NOEL: 1,000 mg/kg body weight dence does not support classification for repro-
ment Repro Not cla Comp etham Effects Effects Repro sessm	oductive toxicity assified based on availa <u>conents:</u> netsulfuron-methyl (IS s on fertility s on fetal development	able information. <b>O):</b> : Test Type: The Species: Rate Application R Dose: 250, 50 General Toxi General Toxi General Toxi Symptoms: N : Dose: 60, 250 General Toxi Development : Weight of evi	wo-generation study oute: Oral 000, 20000 ppm city Parent: NOEL: 20,000 city F1: NOEL: 5,000 city F2: NOEL: 20,000 lo effects on fertility. 0, 1000, 4000mg/kg bw/d city Maternal: NOEL: 1,000 mg/kg body weight cal Toxicity: NOEL: 1,000 mg/kg body weight
ment Repro Not cla Comp etham Effects Effects Repro sessm Talc (	oductive toxicity assified based on availa <u>conents:</u> netsulfuron-methyl (IS s on fertility s on fetal development oductive toxicity - As- nent	able information. <b>O):</b> : Test Type: The Species: Rate Application R Dose: 250, 50 General Toxi General Toxi General Toxi Symptoms: N : Dose: 60, 250 General Toxi Development : Weight of evi	wo-generation study oute: Oral D00, 20000 ppm city Parent: NOEL: 20,000 city F1: NOEL: 5,000 city F2: NOEL: 20,000 lo effects on fertility. D, 1000, 4000mg/kg bw/d city Maternal: NOEL: 1,000 mg/kg body weight cal Toxicity: NOEL: 1,000 mg/kg body weight dence does not support classification for repro- ty
ment Repro Not cla Comp etham Effects Effects Repro sessm Talc (	bductive toxicity assified based on availa <u>conents:</u> netsulfuron-methyl (IS s on fertility s on fetal development oductive toxicity - As- nent Mg3H2(SiO3)4):	<ul> <li>able information.</li> <li>O): <ol> <li>Test Type: The Species: Rate Application R Dose: 250, 50 General Toxie General Toxie General Toxie General Toxie Symptoms: N</li> <li>Dose: 60, 250 General Toxie Development</li> <li>Weight of evie ductive toxicie</li> </ol> </li> <li>Species: Rate Application R</li> </ul>	wo-generation study oute: Oral 000, 20000 ppm city Parent: NOEL: 20,000 city F1: NOEL: 5,000 city F2: NOEL: 20,000 lo effects on fertility. 0, 1000, 4000mg/kg bw/d city Maternal: NOEL: 1,000 mg/kg body weight city Maternal: NOEL: 1,000 mg/kg body weight dence does not support classification for repro- ty bbit, female oute: Oral
ment Repro Not cla Comp etham Effects Effects Repro sessm Talc (	bductive toxicity assified based on availa <u>conents:</u> netsulfuron-methyl (IS s on fertility s on fetal development oductive toxicity - As- nent Mg3H2(SiO3)4):	<ul> <li>able information.</li> <li><b>O):</b> <ol> <li>Test Type: The Species: Rate Application R Dose: 250, 50 General Toxic General Toxic General Toxic General Toxic Symptoms: N</li> <li>Dose: 60, 250 General Toxic Development</li> <li>Weight of evic ductive toxici</li> </ol> </li> <li>Species: Rate Application R Dose: 9, 42, 100 Content State Stat</li></ul>	wo-generation study oute: Oral 000, 20000 ppm city Parent: NOEL: 20,000 city F1: NOEL: 5,000 city F2: NOEL: 5,000 lo effects on fertility. 0, 1000, 4000mg/kg bw/d city Maternal: NOEL: 1,000 mg/kg body weight cal Toxicity: NOEL: 1,000 mg/kg body weight dence does not support classification for repro- ty bbit, female oute: Oral 195, 900 mg/kg bw/day
ment Repro Not cla Comp etham Effects Effects Repro sessm Talc (	bductive toxicity assified based on availa <u>conents:</u> netsulfuron-methyl (IS s on fertility s on fetal development oductive toxicity - As- nent Mg3H2(SiO3)4):	<ul> <li>able information.</li> <li>O): <ol> <li>Test Type: Type: Type Species: Rat Application R Dose: 250, 50 General Toxi General Toxi General Toxi General Toxi General Toxi General Toxi Development</li> <li>Dose: 60, 250 General Toxi Development</li> <li>Weight of evi ductive toxici</li> </ol> </li> <li>Species: Rat Application R Dose: 9, 42, General Toxi</li> </ul>	wo-generation study oute: Oral 000, 20000 ppm city Parent: NOEL: 20,000 city F1: NOEL: 5,000 city F2: NOEL: 20,000 lo effects on fertility. 0, 1000, 4000mg/kg bw/d city Maternal: NOEL: 1,000 mg/kg body weight city Maternal: NOEL: 1,000 mg/kg body weight dence does not support classification for repro- ty bbit, female oute: Oral

**SAFETY DATA SHEET** according to the Hazardous Products Regulations



Vers 1.0	ion	Revision Date: 12/01/2023		S Number: 000919	Date of last issue: - Date of first issue: 12/01/2023
				Result: negative	
	Effects	on fetal development	:	Species: Rat Application Route Dose: 0,16,74,350 Duration of Single General Toxicity M	),1600mg/kg bw/day
	Reprod sessme	uctive toxicity - As- ent	:	Weight of evidence ductive toxicity	e does not support classification for repro-
		single exposure ssified based on availa	ble	information.	
	Compo	onents:			
	Talc (M Assess	l <b>g3H2(SiO3)4):</b> ment	:	The substance or organ toxicant, sir	mixture is not classified as specific target ngle exposure.
		epeated exposure ssified based on availa	ble	information.	
	Compo	nents:			
		tsulfuron-methyl (IS	0):	<b>-</b>	
	Assess	ment	:	organ toxicant, re	mixture is not classified as specific target peated exposure.
	Repeat	ed dose toxicity			
	Compo	onents:			
	Talc (M	g3H2(SiO3)4):			
	Species NOAEL Applica Exposu Dose	tion Route	:	Rat, male and fem 100 mg/kg Oral - feed 101 d 100 mg/kg bw/day	
		tion Route nosphere	· · · ·	Rat, male and fem 2 mg/m3 6 mg/m3 inhalation (dust/m dust/mist 20 d 0, 2, 6, 18 mg/m <sup>3</sup>	

according to the Hazardous Products Regulations



ersion .0	Revision Date: 12/01/2023		0S Number: 000919	Date of last issue: - Date of first issue: 12/01/2023
Aspir	ation toxicity			
-	assified based on availa	ble	information.	
Furth	er information			
Produ	<u>ict:</u>			
Rema	rks	:	No data available	
ECTION	12. ECOLOGICAL INFO	ORM	ATION	
Ecoto	oxicity			
<u>Produ</u>	<u>ict:</u>			
Toxici plants	ty to algae/aquatic	:	NOEC (Lemna gil Exposure time: 7	bba G3 (gibbous duckweed)): 0.00025 mg/ d
Ecoto	xicology Assessment			
Chron	ic aquatic toxicity	:	Very toxic to aqua	tic life with long lasting effects.
<u>Comp</u>	oonents:			
ethan	netsulfuron-methyl (IS	0):		
Toxici	ty to fish	:	LC50 (Lepomis m Exposure time: 96 Test Type: static t Method: OECD T	rest
			LC50 (Oncorhync Exposure time: 96 Method: OECD Te	
	ty to daphnia and other ic invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD T	
Toxici plants	ty to algae/aquatic	:	EC50 (Pseudokiro mg/l Exposure time: 72 Method: OECD To	
			NOEC (Pseudokin mg/l Exposure time: 72 Method: OECD T	
			EC50 (Anabaena Exposure time: 96 Method: OECD T	
			NOEC (Anabaena Exposure time: 96	a flos-aquae (cyanobacterium)): 0.03 mg/l S h

**SAFETY DATA SHEET** according to the Hazardous Products Regulations



## Muster® 75 WG Herbicide

Vers 1.0	ion	Revision Date: 12/01/2023		9S Number: 000919	Date of last issue: - Date of first issue: 12/01/2023
				Method: OECD Te	est Guideline 201
	Toxicity icity)	to fish (Chronic tox-	:	NOEC (Oncorhyne Exposure time: 87 Method: OECD Te	
		to daphnia and other invertebrates (Chron- y)	:	NOEC (Daphnia n Exposure time: 21 Method: OECD Te	
	Toxicity	to microorganisms	:	EC50 (activated s Exposure time: 3 I Test Type: Respir Method: OECD Te	n ation inhibition
	Toxicity ganisms	to soil dwelling or- S	:	LC50 (Eisenia feti Exposure time: 14	da (earthworms)): > 1,000 mg/kg · d
	Toxicity isms	to terrestrial organ-	:	LD50 (Colinus virg Method: OPPTS 8	ginianus (Bobwhite quail)): > 2,250 mg/kg 550.2100
				NOEC (Coturnix ja	aponica (Japanese quail)): 1,250 mg/kg
				LC50 (Anas platyr	hynchos (Mallard duck)): > 5,620 ppm
				NOEC (Anas platy	vrhynchos (Mallard duck)): 5,620 ppm
	Talc (M	g3H2(SiO3)4):			
	Toxicity	to fish	:	LC50 (Fish): 89,58 Exposure time: 96 Method: QSAR	
		to daphnia and other invertebrates	:	LC50 (Daphnia ma Exposure time: 48 Method: QSAR	agna (Water flea)): 36,812.359 mg/l h
	Toxicity plants	to algae/aquatic	:	NOEC (green alga Exposure time: 30 Method: QSAR	
				EC50 (green alga Exposure time: 96 Method: QSAR	
	Toxicity icity)	to fish (Chronic tox-	:	NOEC (Fish): 1,41 Exposure time: 30 Method: QSAR	
		to daphnia and other invertebrates (Chron- y)	:	NOEC (Daphnia): Exposure time: 30 Method: QSAR	

sucrose:

according to the Hazardous Products Regulations



rsion	Revision Date: 12/01/2023		0S Number: 000919	Date of last issue: - Date of first issue: 12/01/2023
Toxicit	y to fish	:	Remarks: No dat	a available
Persis	tence and degradabil	ity		
Comp	onents:			
etham	etsulfuron-methyl (IS	0):		
Biodeg	radability	:	Inoculum: activat Result: Not readil Biodegradation: Exposure time: 2 Method: OECD T	y biodegradable. 30.74 %
sucros Biodeg	se: radability	:	Remarks: No dat	a available
Bioaco	cumulative potential			
	onents:			
etham	etsulfuron-methyl (IS	0):		
	n coefficient: n- I/water	:	log Pow: 2.01 (20 pH: 4	) °C)
			log Pow: -0.28 (2 pH: 7	0 °C)
			log Pow: -1.83 (2 pH: 9	0 °C)
Talc (N	/lg3H2(SiO3)4):			
-	umulation	:	Bioconcentration Method: QSAR	factor (BCF): 3.16
	n coefficient: n-	:	log Pow: -9.4 (25	°C)
octano	l/water		pH: 7 Method: QSAR	
Mobili	ty in soil			
Comp	onents:			
etham	etsulfuron-methyl (IS	0):		
	ution among environ- compartments	:	Koc: 220.7 ml/g, Remarks: Mobile	
Other	adverse effects			
<u>Produ</u>	<u>ct:</u>			
Additio mation	nal ecological infor-	:		I hazard cannot be excluded in the event c andling or disposal.

according to the Hazardous Products Regulations



## Muster® 75 WG Herbicide

Version 1.0	Revision Date: 12/01/2023	SDS Number: 50000919	Date of last issue: - Date of first issue: 12/01/2023
		Very toxic to a	quatic life with long lasting effects.
SECTION	13. DISPOSAL CON	SIDERATIONS	
Dispo	osal methods		
Wast	e from residues	courses or the Do not contam cal or used co	ninate ponds, waterways or ditches with chemi-
Conta	aminated packaging		ers should be taken to an approved waste han- ecycling or disposal.
		•	ing contents. unused product. empty containers.

### SECTION 14. TRANSPORT INFORMATION

### International Regulations

UNRTDG		
UN number	:	UN 3077
Proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Ethametsulfuron-methyl)
Class	:	9
Subsidiary risk	:	ENVIRONM.
Packing group	:	III
Labels	:	9 (ENVIRONM.)
Environmentally hazardous	:	yes
IATA-DGR		
UN/ID No.	:	UN 3077
Proper shipping name	:	Environmentally hazardous substance, solid, n.o.s. (Ethametsulfuron-methyl)
Class	:	9
Packing group	:	III
Labels	:	Miscellaneous
Packing instruction (cargo aircraft)	:	956
Packing instruction (passen- ger aircraft)	:	956
Environmentally hazardous	:	yes
IMDG-Code		
UN number	:	UN 3077
Proper shipping name	:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.
		(Ethametsulfuron-methyl)
Class	:	9

according to the Hazardous Products Regulations



## Muster® 75 WG Herbicide

Version 1.0	Revision Date: 12/01/2023	SDS Number: 50000919	Date of last issue: - Date of first issue: 12/01/2023
Label EmS	ng group s Code le pollutant	: III : 9 : F-A, S-F : yes	
	sport in bulk according policable for product a	-	ARPOL 73/78 and the IBC Code
Dom	estic regulation		
	umber er shipping name	N.O.S.	ENTALLY HAZARDOUS SUBSTANCE, SOLID,
Label ERG	ng group	: 9 : III : 9 : 171	sulfuron-methyl)
Spec	ial precautions for us	ser	

#### Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

### **SECTION 15. REGULATORY INFORMATION**

The ingredients of this product are reported in the following inventories:         TCSI       : Not in compliance with the inventory					
TSCA	:	Product contains substance(s) not listed on TSCA inventory.			
AIIC	:	Not in compliance with the inventory			
DSL	:	This product contains the following components that are not on the Canadian DSL nor NDSL.			
		METHYL 2-[[4-ETHOXY-6-(METHYLAMINO)-1,3,5-TRIAZIN- 2-YL]CARBAMOYLSULFAMOYL]BENZOATE			
		Chlorite-group minerals			
		dolomite			
ENCS	:	Not in compliance with the inventory			
ISHL	:	Not in compliance with the inventory			
KECI	:	Not in compliance with the inventory			
PICCS	:	Not in compliance with the inventory			



## Muster® 75 WG Herbicide

Version 1.0	Revision Date: 12/01/2023	SDS Number: 50000919	Date of last issue: - Date of first issue: 12/01/2023
IECSC	;	: Not in compliance	ce with the inventory
NZIoC		: Not in compliance	ce with the inventory
TECI		: Not in compliance	ce with the inventory

### Canadian lists

No substances are subject to a Significant New Activity Notification.

#### SECTION 16. OTHER INFORMATION

Full text of other abbreviations					
ACGIH	:	USA. ACGIH Threshold Limit Values (TLV)			
CA AB OEL	:	Canada. Alberta, Occupational Health and Safety Code (table 2: OEL)			
CA BC OEL	:	Canada. British Columbia OEL			
CA ON OEL	:	Ontario Table of Occupational Exposure Limits made under the Occupational Health and Safety Act.			
CA QC OEL	:	Québec. Regulation respecting occupational health and safe- ty, Schedule 1, Part 1: Permissible exposure values for air- borne contaminants			
ACGIH / TWA	:	8-hour, time-weighted average			
CA AB OEL / TWA	:	8-hour Occupational exposure limit			
CA BC OEL / TWA	:	8-hour time weighted average			
CA ON OEL / TWA	:	Time-Weighted Average Limit (TWA)			
CA QC OEL / TWAEV	:	Time-weighted average exposure value			

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR -Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; 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; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; 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; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No



## Muster® 75 WG Herbicide

Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	12/01/2023	50000919	Date of first issue: 12/01/2023

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; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative; WHMIS - Workplace Hazardous Materials Information System

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End of Material Safety Data Sheet