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Product name	DINIRO	
		May 2018
Safety data sheet according to EU Reg. 1907/2006 as amended		

SAFETY DATA SHEET DINIRO

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1.	Product identifier	DINIRO
1.2.	Relevant identified uses of the substance or mixture and uses advised against	Can be used as herbicide only.
1.3.	Details of the supplier of the safety	CHEMINOVA A/S , a subsidiary of FMC Corporation
	data sheet	Thyborønvej 78
		DK-7673 Harboøre
		Denmark
		SDS.Ronland@fmc.com
1.4.	Emergency telephone number	
	Company	+45 97 83 53 53 (24 h; for emergencies only)
	<u>Medical emergencies:</u>	
	Austria: +43 1 406 43 43	Norway: +47 22 591300
	Belgium: +32 70 245 245	Poland: +48 22 619 66 54
	Bulgaria: +359 2 9154 409	+48 22 619 08 97
	Cyprus: 1401	Portugal: 808 250 143 (in Portugal only)
	Czech Republic: +420 224 919 293	+351 21 330 3284
	+420 224 915 402	Romania: +40 21318 3606
	Denmark: +45 82 12 12 12	Slovakia: +421 2 54 77 4 166
	France: +33 (0) 1 45 42 59 59	Slovenia: +386 41 650 500
	Finland: +358 9 471 977	South Africa: +27 83 123 3911 (Bateleur Emergency Response Co.)
	Greece: 30 210 77 93 777	Spain: +34 91 562 04 20
	Hungary: +36 80 20 11 99	Sweden: +46 08-331231
	Ireland (Republic): +353 1 809 2166	112
	Italy: +39 02 6610 1029	Switzerland: 145
	Lithuania: +370 523 62052	Turkey: 114
	+370 687 53378	United Kingdom: 111
	Luxembourg: +352 8002 5500	U.S.A. & Canada: +1 800 / 331-3148 (ProPharma)
	Netherlands: +31 30 274 88 88	All other countries: +1 651 / 632-6793 (ProPharma - Collect)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Eye irritation: Category 2 (H319) Hazards to the aquatic environment, acute: Category 1 (H400) chronic: Category 1 (H410)



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WHO classification	Class U (unlikely to present acute hazard in normal use)
Health hazards	The product may cause eye irritation.

Environmental hazards	The product is toxic to most plants.

2.2. Label elements

According to EU Reg. 1272/2008 as amended Product identifier Diniro

Hazard pictograms (GHS07, GHS09)



	Signal word	Warning
	Hazard statements	
	H319	Causes serious eye irritation.
	H410	Very toxic to aquatic life with long lasting effects.
	Supplementary hazard statement	
	EUH401	To avoid risks to human health and the environment, comply with the instructions of use.
	Precautionary statements	
	P264	Wash hands thoroughly after handling.
	P280	Wear eye protection.
	P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P337+P313	If eye irritation persists: Get medical advice/attention.
	P391	Collect spillage.
	P501	Dispose of contents/container as hazardous waste.
2.3.	Other hazards	None of the ingredients in the product meets the criteria for being PBT or vPvB.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1.	Substances	The product is a mixture, not a substance.
3.2.	Mixtures	See section 16 for full text of hazard statements.
	Active ingredients Dicamba sodium salt CAS name CAS no IUPAC name(s) ISO name	Content: 40% by weight Benzoic acid, 3,6-dichloro-2-methoxy-, sodium salt (1:1) 1982-69-0 Sodium 3,6-dichloro-2-methoxybenzoate None



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uct name	DINIRO				May 2018
			dichloro-o-an	isate	
	(EINECS no.)	217-846-3	7		
	ex no	607-243-00-			$(\mathbf{U}_{1}, \mathbf{U}_{2}, U$
	cation of the ingredient		ne aquatic env	fronment, chroni	c: Category 3 (H412)
Molecu	lar weight	243.0			
Nicosul	furon	Content: 109			
CAS na		carbonyl]an	ino]sulfonyl]·	-[[[((4,6-dimetho -N,N-dimethyl-	xy-2-pyrimidinyl)amino
)	111991-09-4	1		
IUPAC	name(s)	1-(4,6-Dime sulfonyl)ure		in-2-yl)-3-(3-dim	ethylcarbamoyl-2-pyrid
		•		in-2-ylcarbamoy	lsulfamoyl)-N,N-dimeth
		nicotinamid			• • •
ISO nai	ne	Nicosulfuro	n		
EC no.	(EINECS no.)	None			
EU inde	ex no	None			
Classifi	cation of the ingredient	Hazards to t	he aquatic env		Category 1 (H400) c: Category 1 (H410)
Molecu	lar weight	410.4		chion	c. Category 1 (H410)
Prosulf	uron	Content: 4%	by weight		
CAS na				[(4-methoxy-6-m ·trifluoropropyl)-	ethyl-1,3,5-triazin-2-yl) (9CI)
CAS no)	94125-34-5			
IUPAC	name(s)	N-((4-Methoxy-6-methyl-1,3,5-tirazin-2-yl)carbamoyl)-2-(3,3,3- trifluoropropyl)benzenesulfonamide			
ISO nai	me/EU name	Prosulfuron			
EC no.	(EINECS no.)	None			
	ex no	016-084-00-	-7		
Classifi	cation of the ingredient	Acute oral to	oxicity: Categ	ory 4 (H302)	
		Hazards to t	he aquatic env		Category 1 (H400) c: Category 1 (H410)
	lar weight	419.4			
Molecu					
	reportable ingredient	Content (% w/w)	CAS no.	EC no. (EINECS no.)	Classification

4.1.	Description of first aid measures Inhalation	If experiencing any discomfort, immediately remove from exposure. Light cases: Keep person under surveillance. Get medical attention immediately if symptoms develop. Serious cases: Get medical attention immediately or call for an ambulance.
	Skin contact	Immediately remove contaminated clothing and footwear. Flush skin



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			with water. Wash with water and soap. See physician if an develops.	y symptom
Eye contact		tact	Immediately rinse eyes with much water or eyewash soluti occasionally opening eyelids, until no evidence of chemica Remove contact lenses after a few minutes and rinse again physician if irritation persists.	l remains.
	Ingestio	n	Inducing vomiting is not recommended. Rinse mouth and or milk. If vomiting does occur, rinse mouth and drink flui Call a doctor or get medical attention immediately.	
4.2.		nportant symptoms and both acute and delayed	Possibly eye irritation.	
4.3.	4.3. Indication of any immediate medical attention and special		Immediate medical attention is required in case of ingestio	n
		ent needed	It may be helpful to show this safety data sheet to physicia	n.
	Note to	physician	A specific antidote against this substance is not known. Tre as for a general chemical. Gastric lavage and/or administra activated charcoal can be considered. After decontamination treatment of exposure should be directed at the control of s and the clinical condition.	tion of on,

SECTION 5: FIRE-FIGHTING MEASURES

5.1.	Extinguishing media	Dry chemical or carbon dioxide for small fires, water spray or foam for large fires. Avoid heavy hose streams.
5.2.	Special hazards arising from the substance or mixture	The essential breakdown products are volatile, toxic, irritant and inflammable compounds such as hydrogen chloride, hydrogen fluoride, nitrogen oxides, sulphur dioxide, carbon monoxide, carbon dioxide and various chlorinated and fluorinated organic compounds.
5.3.	Advice for firefighters	Use water spray to keep fire-exposed containers cool. Approach fire from upwind to avoid hazardous vapours and toxic decomposition products. Fight fire from protected location or maximum possible distance. Dike area to prevent water runoff. Firemen should wear self- contained breathing apparatus and protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1.	Personal precautions, protective	It is recommended to have a predetermined plan for the handling of
	equipment and emergency	spills. Empty, closable vessels for the collection of spills should be
	procedures	available.

In case of large spill (involving 10 tonnes of the product or more): 1. use personal protection equipment; see section 8



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		 call emergency telephone no.; see section alert authorities. 	n 1
		Observe all safety precautions when cleaning protection equipment. Depending on the may may mean wearing respirator, face mask or resistant clothing, gloves and rubber boots.	agnitude of the spill this eye protection, chemical
		Stop the source of the spill immediately if s unprotected persons away from the spill are formation as much as possible.	
6.2. Enviro	nmental precautions	Contain the spill to prevent any further con or water. Wash waters must be prevented fu drains. Uncontrolled discharge into water c the appropriate regulatory body.	rom entering surface water
	ds and materials for ament and cleaning up	It is recommended to consider possibilities effects of spills, such as bunding or capping Section 6).	
		Surface water drains should be covered if a the floor or other impervious surface should vacuumed up using equipment with high ef Transfer to suitable containers. Clean area detergent and much water. Absorb wash lice such as universal binder, Fuller's earth, ber clay and collect in suitable containers. The properly closed and labelled.	d be swept up or preferably ficiency final filter. with strong industrial uid onto inert absorbent ntonite or other absorbent
		Large spills which soak into the ground sho transferred to suitable containers.	ould be dug up and
		Spills in water should be contained as much the contaminated water. The contaminated and removed for treatment or disposal.	
6.4. Refere	nce to other sections	See subsection 8.2. for personal protection. See section 13 for disposal.	

7.1. **Precautions for safe handling** Like most organic powders, the product can form explosive mixtures with air. Avoid dust formation and take precautionary measures against static discharge. Use explosion protected equipment. Keep away from sources of ignition and protect from exposure to fire and heat.

In an industrial environment, it is recommended to avoid all personal contact with the product, if possible by using closed systems with



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		remote system control. The material should be handled by mechanical means as much as possible. Adequate ventilation or local exhaust ventilation is required. The exhaust gases should be filtered or treated otherwise. For personal protection in this situation, see section 8.
		For its use as a pesticide, first look for precautions and personal protection measures on the officially approved label on the packaging or for other official guidance or policy in force. If these are lacking, see section 8.
		Remove contaminated clothing immediately. Wash thoroughly after handling. Before removing gloves, wash them with water and soap. After work, take off all work clothes and footwear. Take a shower, using water and soap. Wear only clean clothes when leaving job. Wash protective clothing and protective equipment with water and soap after each use.
		Do not discharge to the environment. Do not contaminate water when disposing of equipment wash waters. Collect all waste material and remains from cleaning equipment, etc., and dispose of as hazardous waste. See section 13 for disposal.
7.2.	Conditions for safe storage, including any incompatibilities	The product is stable under normal conditions of warehouse storage. Keep in closed, labelled containers (not metal). The storage room should be constructed of incombustible material, closed, dry, ventilated and with impermeable floor, without access of unauthorised persons or children. A warning sign reading "POISON" is recommended. The room should only be used for storage of chemicals. Food, drink, feed and seed should not be present. A hand wash station should be available.
7.3.	Specific end use(s)	The product is a registered pesticide which may only be used for the applications it is registered for, in accordance with a label approved by the regulatory authorities.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1.	Control parameters Personal exposure limits	To our	knowledge, not established for the active ingredients.
	Dicamba	Year 2018	Not established. An internal PEL of 4 mg/m ^{3} (8-hr TWA) is recommended by the manufacturer.
	Nicosulfuron	2018	Not established. An internal PEL of 10 mg/m^3 (8-hr TWA) is recommended by the manufacturer.
	Prosulfuron	2018	Not established. An internal PEL of 10 mg/m^3 (8-hr TWA) is recommended by the manufacturer.



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		However, other personal exposure limits def may exist and must be observed.	fined by local regulations
DNEL	h ba sodium salt	Not established EFSA has established an AOEL of 0.3 mg/k 20 µg/l	g bw/day for dicamba
DNEL	ulfuron	Not established EFSA has established an AOEL of 0.8 mg/k 0.17 µg/l	zg bw/day
DNEL	Ifuron	Not established EFSA has established an AOEL of 0.06 mg/ 83 ng/l	/kg bw/day
8.2. Expos	sure controls	When used in a closed system, personal probe required. The following is meant for other of a closed system is not possible, or when i system. Consider the need to render equipm hazardous before opening	er situations, when the use t is necessary to open the
		The precautions mentioned below are prima the undiluted product and for preparing the can be recommended for spraying as well.	
		In cases of incidental high exposure, maxim equipment may be necessary, such as respir- resistant coveralls.	
	Respiratory protection	The product does not automatically present concern during normal handling, but in the discharge of the material which produces a workers must put on officially approved res equipment with a universal filter type include	event of an accidental heavy vapour or dust, piratory protection
P	Protective gloves	Wear chemical resistant gloves, such as barn nitrile rubber or viton. The breakthrough tin the product are unknown, but it is expected adequate protection if the manual work with limited.	nes of these materials for that they will give
F	Eye protection	Wear safety glasses. It is recommended to h immediately available in the workplace whe eye contact.	



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Other skin protection

Wear appropriate chemical resistant clothing to prevent skin contact depending on the extent of exposure. During most normal work situations where exposure to the material cannot be avoided for a limited time span, waterproof pants and apron of chemical resistant material or coveralls of polyethylene (PE) will be sufficient. Coveralls of PE must be discarded after use if contaminated. In cases of excessive or prolonged exposure, coveralls of barrier laminate may be required.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1.	Information on physical and chemical properties		
	Appearance	Solid (granules)	
	Odour	Not determined	
	Odour threshold	Not determined	
	рН	Not determined	
	Melting point/freezing point	Not determined	
	Initial boiling point and boiling range	Not determined	
	Flash point	Not determined	
	Evaporation rate	Not determined	
	Flammability (solid/gas) Upper/lower flammability or	Not highly flammab	le
	explosive limits	Not determined	
	Vapour pressure	Nicosulfuron	: 1.6 x 10 ⁻¹⁴ Pa at 25°C
	, apour pressure	Prosulfuron	$: < 3.5 \times 10^{-6}$ Pa at 25 °C
	Vapour density	Not determined	
	Relative density	Not determined	
	·	Bulk density: 0.57 g	y/cm ³
	Solubility(ies)	Solubility of dicam	ba free acid at 25°C in:
		ethyl acetate	> 500 g/l
		hexane	2.8 g/l
		water	6.6 g/l at pH 1.8
			> 250 g/l at pH 7
		Solubility of nicosu	
		dichloromethane	160 g/kg
		hexane	< 0.02 g/kg
		water	0.4 g/l at pH 5
			12 g/l at pH 7
			39 g/l at pH 9
		Solubility of prosul	
		ethyl acetate	56 g/l
		n-hexane	0.006 g/l
		water	0.029 g/l at pH 4 and 25°C
			4.0 g/l at pH 6.8 and 25°C 43 g/l at pH 7.7 and 25°C
	Partition coefficient n-octanol/water	Dicamba free acid	8 1
	ratition coefficient n-octanol/water	Dicaliba free acid	$\log K_{ow} = -0.55$ at pH 5.0 and 25°C
			$\log K_{ow} = -1.8$ at pH 6.8 and 25°C
			$\log K_{ow} = -1.9$ at pH 8.9 and 25°C



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	Autoignition temperature Decomposition temperature Viscosity	Nicosulfuron Prosulfuron Not determined Not determined Not determined	: log K_{ow} = -0.36 at pH 4 and 25°C log K_{ow} = -1.77 at pH 7 and 25°C log K_{ow} = -2 at pH 9 and 25°C : log K_{ow} = 1.5 at pH 5 and 25°C
	Explosive properties Oxidising properties	Not explosive Not oxidising	
9.2.	Other information Miscibility	The product is dispersi	ible in water.
SECT	TION 10: STABILITY AND REACT	VITY	
10.1.	Reactivity	To our knowledge, the	product has no special reactivities.
10.2.	Chemical stability	The product is stable d temperatures.	luring normal handling and storage at ambient
10.3.	Possibility of hazardous reactions	None known.	
10.4.	Conditions to avoid	Heating of the product	will evolve harmful and irritant vapours.
10.5.	Incompatible materials	None known.	
10.6.	Hazardous decomposition products	See subsection 5.2.	

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. **Information on toxicological effects** * = Based on available data, the classification criteria are not met.

Product Acute toxicity		The product is not considered as harmful by inhalation, in contact with skin or if swallowed. * The acute toxicity of the product is measured as:
Route(s) of entry	- ingestion	LD ₅₀ , oral, rat: > 2000 mg/kg
	- skin	LD ₅₀ , dermal, rat: > 2000 mg/kg
	- inhalation	LC ₅₀ , inhalation, rat: not available
Skin corrosion/irritat	ion	Not irritating to skin. *
Serious eye damage/	irritation	Irritating to eyes.
Respiratory or skin s	ensitisation	Not allergenic in the local lymph node assay. *
Germ cell mutagenic	ity	The product contains no ingredients known to be mutagenic. *
Carcinogenicity		The product contains no ingredients known to be carcinogenic. *



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roduct name	DINIRO		May 2018
Reprod	uctive toxicit	у	The product contains no ingredients found have adverse effects on reproduction. *
STOT -	- single expos	sure	To our knowledge, no specific effects have been observed after single exposure. $*$
STOT -	- repeated exp	posure	The following has been measured on the active ingredient dicamba (free acid): Target organ: liver NOAEL: 6000 ppm (479 - 535 mg/kg bw/day) in a 90-day rat study based on changes in liver chemistry (method OECD 408). *
Aspirat	ion hazard		The product does not present an aspiration hazard. *
	ms and effec	ts, acute and	Possibly eye irritation.
	<i>ba sodium s</i> oxicity	<u>alt</u>	Dicamba sodium salt is not considered as harmful by inhalation, in contact with skin or if swallowed. * The acute toxicity is measured as
Route(s) of entry	- ingestion	LD ₅₀ , oral, rat: 6764 mg/kg
		- skin	LD ₅₀ , dermal, rabbit: > 20000 mg/kg
		- inhalation	LC ₅₀ , inhalation, rat: not available
Skin co	rrosion/irritat	ion	Not irritating to skin. *
Serious	eye damage/	irritation	Not irritating to eyes. *
Respira	tory or skin s	ensitisation	Not available
<u>Nicosu</u> Toxicol distribu	kinetics, meta	bolism and	Nicosulfuron is rapidly and moderately absorbed following oral administration. It is widely and evenly distributed in the body. Metabolism is limited. Excretion is rapid as well. There is no evidenc for accumulation.
Acute to	oxicity		The substance is not considered as harmful by inhalation, in contact with skin or if swallowed. * The acute toxicity is measured as:
Route(s) of entry	- ingestion	LD_{50} , oral, rat: > 5000 mg/kg
		- skin	LD ₅₀ , dermal, rat: > 2000 mg/kg

Skin corrosion/irritation Not irritating to skin. *

Serious eye damage/irritation Slightly irritating to eyes. *



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Respiratory or skin sensitisation	Very slightly sensitising to skin in guinea pigs. *
<u><i>Prosulfuron</i></u> Toxicokinetics, metabolism and distribution	After oral intake, prosulfuron is rapidly absorbed. It is widely distributed in the body and rapidly excreted, within a few days and mainly in the urine. It is extensively metabolised. Bioaccumulation is not expected.
Acute toxicity	Prosulfuron is harmful by ingestion, but is not considered as harmful by inhalation or in contact with skin. The acute toxicity is measured as:
Route(s) of entry - ingestion	LD ₅₀ , oral, rat (male): 949 mg/kg
	LD ₅₀ , oral, rat (female): 546 mg/kg
- skin	LD ₅₀ , dermal, rabbit: > 2000 mg/kg *
- inhalation	LC_{50} , inhalation, rat: > 5.4 mg/l/4 h *
Skin corrosion/irritation	Not irritating to skin. *
Serious eye damage/irritation	Slightly irritating to eyes. *
Respiratory or skin sensitisation	Not a skin sensitizer. *
<u>Sodium hydroxide</u> Toxicokinetics, metabolism and distribution	Both sodium and hydroxide ions are normal body constituents and regulated between narrow ranges. These ranges will not be exceeded, except locally in unusual situations such as accidents.
Acute toxicity	No valid studies are available. However, the existing animal and human data on acute toxicity show that sodium hydroxide has a local effect and that systemic effects are not to be expected. *
Skin corrosion/irritation	Severely irritating to skin.
Serious eye damage/irritation	Severely irritating to eyes with the possibility to cause permanent eye damage.
Respiratory or skin sensitisation	To our knowledge, no indications of allergenic properties have been recorded. *

SECTION 12: ECOLOGICAL INFORMATION

12.1. **Toxicity** Since the product is a herbicide, it is toxic to many plants, including algae. The product is considered as non-toxic to fish, aquatic invertebrates, soil micro- and macroorganisms, birds, mammals and insects.

The ecotoxicity of the product is measured as:



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	- Algae	Green algae (Pseu	dokirchneriella subcapitata) 72-h ErC50: 0.70 mg/l	
	- Plants	Duckweed (Lemna	<i>a gibba</i>) 7-day EC ₅₀ : 17 μg/l	
12.2. Persistence and degradability		degradability	Dicamba does not meet the criteria for being readily biodegradable, but it is degraded in the environment. Primary half-live times vary from a few days to a few weeks in aerobic soil.	
			Nicosulfuron is moderately persistent in the environment. Primary degradation half-lives vary with circumstances, from a few weeks to a few months in aerobic water and soil.	
			Prosulfuron does not meet the criteria for being readily biodegradable. It is slowly degraded in aerobic soil with primary half-lives of a few to several months, depending on circumstances.	
12.3. Bioaccumulative potential		e potential	See section 9 for n-octanol/water partition coefficients.	
			Due to high solubility in water, none of the active ingredients bioaccumulate.	
12.4.	Mobility in soil		Under normal conditions, the active ingredients are mobile in soil.	
12.5.	Results of PBT a assessment	and vPvB	The substance does not meet the criteria for being PBT or vPvB.	
12.6.	Other adverse e	ffects	Other relevant hazardous effects in the environment are not known.	
SEC	FION 13: DISPO	SAL CONSIDERAT	TIONS	
	Waste treatmen		Remaining quantities of the material and empty but unclean packaging	

SECTION 15: DISI OSAE CONSIDERATIONS		
13.1.	Waste treatment methods	Remaining quantities of the material and empty but unclean packaging should be regarded as hazardous waste.
		Disposal of waste and packagings must always be in accordance with all applicable local regulations.
	Disposal of product	According to the Waste Framework Directive (2008/98/EC), possibilities for reuse or reprocessing should first be considered. If this is not feasible, the material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing.
		Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.
	Disposal of packaging	It is recommended to consider possible ways of disposal in the

following order:

1. Reuse or recycling should first be considered. Reuse is prohibited except by the authorisation holder. If offered for recycling, containers



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must be emptied and triply rinsed (or equivalent). Do not discharge rinsing water to sewer systems.

2. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

3. Delivery of the packaging to a licensed service for disposal of hazardous waste.

4. Disposal in a landfill or burning in open air should only occur as a last resort. For disposal in a landfill, containers should be emptied completely, rinsed and punctured to make them unusable for other purposes. If burned, stay out of smoke.

SECTION 14: TRANSPORT INFORMATION

ADR/RID/IMDG/IATA/ICAO classification

14.1.	UN number	3077		
14.2.	UN proper shipping name	Environmentally hazardous substance, solid, n.o.s. (nicosulfuron and prosulfuron)		
14.3.	Transport hazard class(es)	9		
14.4.	Packing group	III		
14.5.	Environmental hazards	Marine pollutant		
14.6.	Special precautions for user	Avoid any unnecessary contact with the product. Misuse can result in damage to health. Do not discharge to the environment.		
14.7.	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code	e The product is not transported in bulk by ship.		
SECT	TION 15: REGULATORY INFORMA	TION		
15 1	Safety, health and environmental	Seveso category (Dir. 2012/18/EU): dangerous for the environment. All ingredients are covered by EU chemical legislation.		
13.1.	regulations/legislation specific for the substance or mixture	All ingredients are covered by EU chemical legislation.		
	regulations/legislation specific for	All ingredients are covered by EU chemical legislation. A chemical safety assessment is not required to be included for this product.		
15.2.	regulations/legislation specific for the substance or mixture	A chemical safety assessment is not required to be included for this		



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	EFSA EINECS GHS IBC ISO IUPAC LC ₅₀ LD ₅₀ MARPOI NOAEL n.o.s. OECD PBT PEL PNEC Reg. STOT TWA vPvB WHO	European Food Safety Authority European INventory of Existing Commercial Chemical Substances Globally Harmonized classification and labelling System of chemicals, Fifth revised edition 2013 International Bulk Chemical code International Organisation for Standardization International Union of Pure and Applied Chemistry 50% Lethal Concentration 50% Lethal Dose Set of rules from the International Maritime Organisation (IMO) for prevention of sea pollution No Observed Adverse Effect Level Not otherwise specified Organisation for Economic Cooperation and Development Persistent, Bioaccumulative, Toxic Personal Exposure Limit Predicted No Effect Concentration Registration, or Regulation Specific Target Organ Toxicity Time-Weighted Average very Persistent, very Bioaccumulative World Health Organisation
References		sured on the product are unpublished company data. Data on ts are available from published literature and can be found aces.
Method for classification	Test data	
Used hazard statements	H302 H314 H319 H400 H410 H412 EUH401	Harmful if swallowed. Causes severe skin burns and eye damage. Causes serious eye irritation. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Harmful to aquatic life with long lasting effects. To avoid risks to human health and the environment, comply with the instructions of use
Advice on training		rial should only be used by persons who are made aware of ous properties and have been instructed in the required cautions.

The information provided in this safety data sheet is believed to be accurate and reliable, but uses of the product vary and situations unforeseen by FMC Corporation may exist. The user has to check the validity of the information under local circumstances.

Prepared by: FMC Corporation / Cheminova A/S / GHB