

Material group	79A/7950	Page 1 of 14
Product name	Entail (NICOSULFURON 240 g/l SC)	May 2017
Safety data sheet according to EU Reg. 1907/2006 as amended		Supersedes January 2016

SAFETY DATA SHEET

NICOSULFURON 240 g/l SC

Revision: Sections containing a revision or new information are marked with a ♣.

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

- 1.1. **Product identifier** **ENTAIL**
NICOSULFURON 240 g/l SC
- 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 data sheet** **CHEMINOVA A/S**
 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)
- Medical emergencies:
- | | |
|-------------------------------------|---|
| Austria: +43 1 406 43 43 | Netherlands: +31 30 274 88 88 |
| Belgium: +32 70 245 245 | Norway: +47 22 591300 |
| Bulgaria: +359 2 9154 409 | Poland: +48 22 619 66 54 |
| Cyprus: 1401 | +48 22 619 08 97 |
| Czech Republic: +420 224 919 293 | Portugal: 808 250 143 (in Portugal only) |
| +420 224 915 402 | +351 21 330 3284 |
| Denmark: +45 82 12 12 12 | Romania: +40 21318 3606 |
| France: +33 (0) 1 45 42 59 59 | Slovakia: +421 2 54 77 4 166 |
| Finland: +358 9 471 977 | Slovenia: +386 41 650 500 |
| Hungary: +36 80 20 11 99 | Spain: +34 91 562 04 20 |
| Greece: 30 210 77 93 777 | Sweden: +46 08-331231 |
| Ireland (Republic): +352 1 809 2166 | 112 |
| Italy: +39 02 6610 1029 | Switzerland: 145 |
| Lithuania: +370 523 62052 | United Kingdom: 0870 600 6266 (in the UK only) |
| +370 687 53378 | U.S.A. & Canada: +1 800 / 331-3148 (PROSAR) |
| Luxembourg: +352 8002 5500 | All other countries: +1 651 / 632-6793 (PROSAR - Collect) |

Material group	79A/7950	Page 2 of 14
Product name	Entail NICOSULFURON 240 g/l SC	May 2017

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture	Skin irritation: Category 2 (H315) Sensitisation – skin: Category 1B (H317) Hazards to the aquatic environment, acute: Category 1 (H400) chronic: Category 1 (H410)
WHO classification	Class U (unlikely to present acute hazard in normal use)
Health hazards	The product is mildly to moderately irritating to skin and may be mildly irritating to eyes. It may cause allergic sensitisation.
Environmental hazards	The product is toxic to most plants.
2.2. Label elements	
<i>According to EU Reg. 1272/2008 as amended</i>	
Product identifier	Nicosulfuron 240 g/l SC
Hazard pictograms (GHS07, GHS09)	 
Signal word	Warning
Hazard statements	
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
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	
P273.....	Avoid release to the environment
P302+P352	Wear protective gloves.
P333+P313	IF ON SKIN: Wash with plenty of soap and water.
P362+P364	If skin irritation or rash occurs: Get medical advice/attention.
P362+P364.....	Take off contaminated clothing and wash before reuse
P501	Dispose of contents / container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.
2.3. Other hazards	None of the ingredients in the product meets the criteria for being PBT or vPvB.

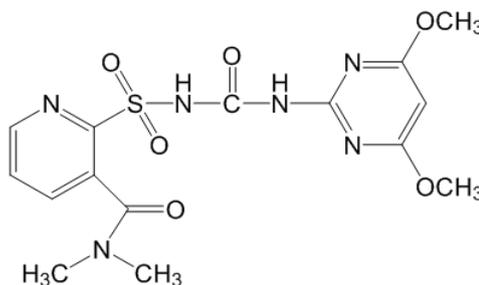
Material group	79A/7950	Page 3 of 14
Product name	Entail NICOSULFURON 240 g/l SC	May 2017

♣ 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 ingredient

Nicosulfuron	Content: 25% by weight
CAS name	3-Pyridinecarboxamide, 2-[[[(4,6-dimethoxy-2-pyrimidinyl)-amino]carbonyl]amino]sulfonyl]-N,N-dimethyl-
CAS no.	111991-09-4
IUPAC name(s)	1-(4,6-Dimethoxypyrimidin-2-yl)-3-(3-dimethylcarbamoyl-2-pyridylsulfonyl)urea 2-(4,6-Dimethoxypyrimidin-2-ylcarbamoylsulfamoyl)-N,N-dimethylnicotinamide
ISO name	Nicosulfuron
EC no. (EINECS no.)	None
EU index no.	None
Classification of the ingredient	Hazards to the aquatic environment, acute: Category 1 (H400) chronic: Category 1 (H410)
Structural formula	



Reportable ingredients

	Content (% w/w)	CAS no.	EC no. (EINECS no.)	Classification
Calcium dodecylbenzenesulphonate	max. 6	26264-06-2	247-557-8	Skin Irrit. 2 (H315) Eye Dam. 1 (H318) Aquatic Chronic 2 (H411)
Polycondensed fatty acid	4	58128-22-6	None	Skin Irrit. 2 (H315)
2-Ethylhexan-1-ol	max. 4	104-76-7	203-234-3	Acute Tox. 4 (H332) Skin Irrit. 2 (H315) Eye Irrit. 2 (H319) STOT SE 3 (H335)

♣ SECTION 4: FIRST AID MEASURES

- 4.1. **Description of first aid measures**

Material group	79A/7950	Page 4 of 14
Product name	Entail NICOSULFURON 240 g/l SC	May 2017

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 with water. Wash with water and soap. See physician if any symptom develops.
Eye contact	Immediately rinse eyes with much water or eyewash solution, occasionally opening eyelids, until no evidence of chemical remains. Remove contact lenses after a few minutes and rinse again. See physician if irritation persists.
Ingestion	Inducing vomiting is not recommended. Rinse mouth and drink water or milk. If vomiting does occur, rinse mouth and drink fluids again. Call a doctor or get medical attention immediately.
4.2. Most important symptoms and effects, both acute and delayed	Primarily irritation and possibly allergic reactions.
4.3. Indication of any immediate medical attention and special treatment needed	Immediate medical attention is required in case of ingestion It may be helpful to show this safety data sheet to physician.
Note to physician	A specific antidote against this substance is not known. Treatment is as for a general chemical. Gastric lavage and/or administration of activated charcoal can be considered. After decontamination, treatment of exposure should be directed at the control of symptoms and the clinical condition.

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 nitrogen oxides, sulphur dioxide, carbon monoxide and carbon dioxide.
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 equipment and emergency	It is recommended to have a predetermined plan for the handling of spills. Empty, closable vessels (not metal) for the collection of spills
--	---

Material group	79A/7950	Page 5 of 14
Product name	Entail NICOSULFURON 240 g/l SC	May 2017

procedures

should be available.

In case of large spill (involving 10 tonnes of the product or more):

1. use personal protection equipment; see section 8
2. call emergency telephone no.; see section 1
3. alert authorities.

Observe all safety precautions when cleaning up spills. Use personal protection equipment. Depending on the magnitude of the spill this may mean wearing respirator, face mask or eye protection, chemical resistant clothing, gloves and rubber boots.

Stop the source of the spill immediately if safe to do so. Keep unprotected persons away from the spill area. Avoid and reduce mist formation as much as possible..

6.2. Environmental precautions

Contain the spill to prevent any further contamination of surface, soil or water. Wash waters must be prevented from entering surface water drains. Uncontrolled discharge into water courses must be alerted to the appropriate regulatory body.

6.3. Methods and materials for containment and cleaning up

It is recommended to consider possibilities to prevent damaging effects of spills, such as bunding or capping. See GHS (Annex 4, Section 6).

Surface water drains should be covered if appropriate. Minor spills on the floor or other impervious surface should be absorbed onto an absorptive material such as universal binder, Fuller's earth, bentonite or other absorbent clays. Collect the contaminated absorbent in suitable containers. Clean area with strong industrial detergent and much water. Absorb wash liquid with absorbent and transfer to suitable containers. The used containers should be properly closed and labelled.

Large spills which soak into the ground should be dug up and transferred to suitable containers.

Spills in water should be contained as much as possible by isolation of the contaminated water. The contaminated water must be collected and removed for treatment or disposal.

6.4. Reference to other sections

See subsection 8.2. for personal protection.
 See section 13 for disposal.

♣ SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

In an industrial environment it is recommended to avoid all personal contact with the product, if possible by using closed systems with remote system control. The material should be handled by mechanical means as much as possible. Adequate ventilation or local exhaust

Material group	79A/7950	Page 6 of 14
Product name	Entail NICOSULFURON 240 g/l SC	May 2017

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

No special precautions are required. 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 nicosulfuron. An exposure limit of 10 mg/m³ (8-hr TWA) is recommended for other sulphonylureas.

However, other personal exposure limits defined by local regulations may exist and must be observed.

Nicosulfuron

DNEL, systemic

0.8 mg/kg bw/day

PNEC, aquatic environment

0.17 µg/l

8.2. Exposure controls

When used in a closed system, personal protection equipment will not be required. The following is meant for other situations, when the use

Material group	79A/7950	Page 7 of 14
Product name	Entail NICOSULFURON 240 g/l SC	May 2017

of a closed system is not possible, or when it is necessary to open the system. Consider the need to render equipment or piping systems non-hazardous before opening

The precautions mentioned below are primarily meant for handling of the undiluted product and for preparing the spray solution, but can be recommended for spraying as well.

In cases of incidental high exposure, maximal personal protection equipment may be necessary, such as respirator, face mask, chemical resistant coveralls.



Respiratory protection

The product does not automatically present an airborne exposure concern during normal handling, but in the event of an accidental discharge of the material which produces a heavy vapour or mist, workers must put on officially approved respiratory protection equipment with a universal filter type including particle filter.



Protective gloves

Wear chemical resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber or viton. The breakthrough times of these materials for the product are unknown, but it is expected that they will give adequate protection if the manual work with the product is kept limited.



Eye protection

Wear safety glasses. It is recommended to have an eye wash fountain immediately available in the workplace when there is a potential for eye contact.



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	Off-white liquid
Odour	Odourless
Odour threshold	Not applicable
pH	Undiluted: 4.3 1% dispersion in water: 4.1
Melting point/freezing point	Not determined
Initial boiling point and boiling range	Not determined
Flash point	118°C (Pensky-Martens closed cup)

Material group	79A/7950	Page 8 of 14
Product name	Entail NICOSULFURON 240 g/l SC	May 2017

Evaporation rate	Not determined
Flammability (solid/gas)	Not applicable (liquid)
Upper/lower flammability or explosive limits	Not determined
Vapour pressure	Nicosulfuron : 1.6 x 10 ⁻¹⁴ Pa at 25°C
Vapour density	Not determined
Relative density	Not determined
Solubility(ies)	Density: 1.02 g/ml at 20°C Solubility of nicosulfuron at 25°C in: 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
Partition coefficient n-octanol/water	Nicosulfuron : 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
Autoignition temperature	308°C
Decomposition temperature	Not determined
Viscosity	323 mPa.s at 20°C, 137 mPa.s at 40°C
Explosive properties.....	Not explosive
Oxidising properties	Not oxidising
9.2. Other information	
Miscibility	The product is emulsifiable in water.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity	To our knowledge, the product has no special reactivities.
10.2. Chemical stability	The product is stable during normal handling and storage at ambient temperatures.
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:

Material group	79A/7950	Page 9 of 14
Product name	Entail NICOSULFURON 240 g/l SC	May 2017

Route(s) of entry	- ingestion	LD ₅₀ , oral, rat: > 2000 mg/kg (method OECD 425).
	- skin	LD ₅₀ , dermal, rat: > 2000 mg/kg (method OECD 402).
	- inhalation	LC ₅₀ , inhalation, rat: > 2.15 mg/l/4 h (method OECD 403).
Skin corrosion/irritation		Irritating to skin (method OECD 404).
Serious eye damage/irritation		Mildly irritating to eyes (method OECD 405). *
Respiratory or skin sensitisation ...		Results from animal tests were mixed. Buehler test: negative (method OECD 406) Local Lymph Node Assay: positive (method OECD 429) The meaning of these results for humans cannot be fully evaluated. To our knowledge, allergic reactions in humans have not been reported.
Germ cell mutagenicity		The product contains no ingredients known to be mutagenic. *
Carcinogenicity		The product contains no ingredients known to be carcinogenic. *
Reproductive toxicity		The product contains no ingredients found have adverse effects on reproduction. *
STOT – single exposure		To our knowledge, no specific effects have been observed after single exposure. *
STOT – repeated exposure		The following has been measured on the active ingredient nicosulfuron: Liver: mild hepatotoxicity was seen at very high dose levels (NOEL in dogs: 200 mg/kg bw/day). *
Aspiration hazard		The product does not present an aspiration hazard. *
Symptoms and effects, acute and delayed		Primarily irritation and allergic reactions. Poisoning is unlikely, unless very large quantities are ingested. Generally, sulphonylurea herbicides cause lethargy, confusion, dizziness, seizures and coma if swallowed.
<u>Nicosulfuron</u>		
Toxicokinetics, metabolism and distribution		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 evidence for accumulation.
Acute toxicity		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
	- inhalation	LC ₅₀ , inhalation, rat: > 5.47 mg/l/4 h

Material group	79A/7950	Page 10 of 14
Product name	Entail NICOSULFURON 240 g/l SC	May 2017

Skin corrosion/irritation	Not irritating to skin. *
Serious eye damage/irritation	Slightly irritating to eyes. *
Respiratory or skin sensitisation ...	Very slightly sensitising to skin in guinea pigs. *

Calcium dodecylbenzenesulphonate

Acute toxicity	The substance is not considered as harmful by skin contact, ingestion and inhalation. * The acute toxicity is measured as:
Route(s) of entry	
- ingestion	LD ₅₀ , oral, rat: 4000 mg/kg.
- skin	LD ₅₀ , dermal, rat: not available.
- inhalation	LC ₅₀ , inhalation, rat: not available.
Skin corrosion/irritation	Irritating to skin.
Serious eye damage/irritation	Irritating to eyes with the potential to cause permanent eye damage.

Polycondensed fatty acid

Acute toxicity	The substance is not considered as harmful. * The measured acute toxicity is:
Route(s) of entry	
- ingestion	LD ₅₀ , oral, rat: > 2000 mg/kg
- skin	LD ₅₀ , dermal, rat: not available
- inhalation	LC ₅₀ , inhalation, rat: not available
Skin corrosion/irritation	Mildly irritating to rabbit skin after single exposure. Severely irritating to rabbit skin after repeated exposure.
Serious eye damage/irritation	Mildly irritating to eyes. *

2-Ethylhexan-1-ol

Acute toxicity	The substance is not considered as harmful. * The acute toxicity is measured as:
Route(s) of entry	
- ingestion	LD ₅₀ , oral, rat: 3290 mg/kg (method OECD 401)
- skin	LD ₅₀ , dermal, rat: > 3000 mg/kg (method OECD 402)
- inhalation	LC ₅₀ , inhalation, rat: 0.89 - 5.3 mg/l/4 h (method OECD 403)
	Not harmful at saturated vapour pressure (approx. 0.89 mg/l). Harmful at 5.3 mg/l, a mixture of vapour and droplets.
Skin corrosion/irritation	Mildly irritating to skin.
Serious eye damage/irritation	Moderately to severely irritating to eyes.
Respiratory or skin sensitisation ...	Not a skin sensitizer. *

Material group	79A/7950	Page 11 of 14
Product name	Entail NICOSULFURON 240 g/l SC	May 2017

♣ 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:

- Fish	Rainbow trout (<i>Oncorhynchus mykiss</i>)	96-h LC ₅₀ : 64.4 mg/l
- Invertebrates	Daphnids (<i>Daphnia magna</i>)	48-h EC ₅₀ : > 10 mg/l
- Algae	Green algae (<i>Pseudokirchneriella subcapitata</i>) ..	72-h EC ₅₀ : 0.70 mg/l
	Blue-green algae (<i>Anabaena flos-aquae</i>)	72-h EC ₅₀ : 2.22 mg/l
- Plants	Duckweed (<i>Lemna gibba</i>)	7-day EC ₅₀ : 5.81 µg/l
- Earthworms	<i>Eisenia foetida</i>	14-day LC ₅₀ : > 1000 mg/kg dry soil Reproduction EC ₅₀ : 935 mg/kg dry soil
- Birds	Japanese quails (<i>Coturnix japonica</i>)	LD ₅₀ : > 2000 mg/kg
- Insects	Honey bees (<i>Apis mellifera</i>)	48-h LD ₅₀ , contact: > 400 µg/bee 48-h LC ₅₀ , acute oral: > 432 µg/bee

- 12.2. **Persistence and degradability** **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.

The product contains minor amounts of not readily biodegradable components, which may not be degradable in waste water treatment plants.

- 12.3. **Bioaccumulative potential** See section 9 for n-octanol/water partition coefficient.
 Due to high solubility in water, **nicosulfuron** does not bioaccumulate.
- 12.4. **Mobility in soil** Under normal conditions **nicosulfuron** is mobile in soil.
- 12.5. **Results of PBT and vPvB assessment** The substance does not meet the criteria for being PBT or vPvB.
- 12.6. **Other adverse effects** Other relevant hazardous effects in the environment are not known.

SECTION 13: DISPOSAL 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

Material group	79A/7950	Page 12 of 14
Product name	Entail NICOSULFURON 240 g/l SC	May 2017

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. If offered for recycling, containers 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** 3082
- 14.2. **UN proper shipping name** Environmentally hazardous substance, liquid, n.o.s. (nicosulfuron)
- 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** The product is not transported in bulk by ship.

SECTION 15: REGULATORY INFORMATION

Material group	79A/7950	Page 13 of 14
Product name	Entail NICOSULFURON 240 g/l SC	May 2017

- 15.1. **Safety, health and environmental regulations/legislation specific for the substance or mixture** Seveso category (Dir. 2012/18/EU): dangerous for the environment.
 Young people under the age of 18 are not allowed to work with the product.
 All ingredients are covered by EU chemical legislation.
- 15.2. **Chemical safety assessment** A chemical safety assessment is not required to be included for this product.

♣ SECTION 16: OTHER INFORMATION

Relevant changes in the safety data sheet	Minor corrections only.
List of abbreviations	CAS Chemical Abstracts Service Dir. Directive DNEL Derived No Effect Level EC European Community EC ₅₀ 50% Effect Concentration EINECS European INventory of Existing Commercial Chemical Substances GHS Globally Harmonized classification and labelling System of chemicals, Fifth revised edition 2013 IBC International Bulk Chemical code ISO International Organisation for Standardization IUPAC International Union of Pure and Applied Chemistry LC ₅₀ 50% Lethal Concentration LD ₅₀ 50% Lethal Dose MARPOL Set of rules from the International Maritime Organisation (IMO) for prevention of sea pollution NOEL No Observed Effect Level n.o.s. Not otherwise specified OECD Organisation for Economic Cooperation and Development PBT Persistent, Bioaccumulative, Toxic PNEC Predicted No Effect Concentration Reg. Regulation SC Suspension Concentrate STOT Specific Target Organ Toxicity TWA Time-Weighted Average vPvB very Persistent, very Bioaccumulative WHO World Health Organisation
References	Data measured on the product are unpublished company data. Data on ingredients are available from published literature and can be found several places.
Method for classification	Test data
Used hazard statements	H315 Causes skin irritation.

Material group	79A/7950	Page 14 of 14
Product name	Entail NICOSULFURON 240 g/l SC	May 2017

- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.
- EUH401 To avoid risks to human health and the environment, comply with the instructions of use

Advice on training This material should only be used by persons who are made aware of its hazardous properties and have been instructed in the required safety precautions.

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