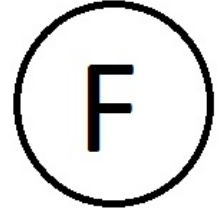


Cosine®
MAPP 16404

An emulsion in water formulation containing 50g/l cyflufenamid for the control of powdery mildew in apples and pears.



1 Litre e

Batch No. and manufacturing date: See packaging

THE (COSHH) CONTROL OF SUBSTANCES HAZARDOUS TO HEALTH REGULATIONS MAY APPLY TO THE USE OF THIS PRODUCT AT WORK.

SAFETY PRECAUTIONS

Operator protection

WHEN USING DO NOT EAT, DRINK OR SMOKE.

Environmental protection

Do not contaminate water with the product or its container.

Do not clean applicator equipment near surface water.

Avoid contamination via drains from farmyards and roads.

DO NOT ALLOW DIRECT SPRAY from broadcast air-assisted sprayers to fall within 5 metres of the top of the bank of a static or flowing waterbody, unless a Local Environment Risk Assessment for Pesticides (LERAP) permits a narrower buffer zone, or within 5 metres of the top of a ditch which is dry at the time of application. Aim spray away from water.



Storage and disposal

RINSE CONTAINER THOROUGHLY by using an integrated pressure device or manually rinsing three times. Add washings to sprayer at time of filling and dispose of safely.

DO NOT RE-USE EMPTY CONTAINER for any purpose.

KEEP AWAY FROM FOOD, DRINK AND ANIMAL FEEDING STUFFS.

KEEP OUT OF THE REACH OF CHILDREN.

DIRECTIONS FOR USE: Refer to leaflet attached to this bottle.

READ CAREFULLY BEFORE OPENING THE BOTTLE.
PROTECT FROM FROST.

IMPORTANT INFORMATION

FOR USE ONLY AS A HORTICULTURAL FUNGICIDE

Crops: Apple and Pear
Maximum individual dose: 0.5 l product per hectare
Maximum number of applications: 2 per crop
Latest time of application: 14 days before harvest
Other specific restriction: This product qualifies for inclusion within the Local Environment Risk Assessment for Pesticides (LERAP) scheme. Before each spraying operation from a broadcast airassisted sprayer, either a LERAP must be carried out in accordance with CRD's published guidance or the statutory buffer zone must be maintained. The results of the LERAP must be recorded and kept available for three years

READ THE LABEL BEFORE USE. USING THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE LABEL MAY BE AN OFFENCE. FOLLOW THE CODE OF PRACTICE FOR USING PLANT PROTECTION PRODUCTS.

Cosine

An emulsion in water formulation containing 50 g/l cyflufenamid



TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS

Avoid release to the environment.

Wear protective gloves.

Collect spillage.

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.

To avoid risks to human health and the environment, comply with the instructions for use.

Contains 1,2-Benzisothiazolin-3-one. May produce an allergic reaction.

MAPP 16404



This label is compliant with the CPA Voluntary Initiative Guidance

Marketed by:

CERTIS

Certis, Suite 5, 3 Riverside, Granta Park, Great Abington, Cambridgeshire, CB21 6AD

Tel: 0044 (0)845 373 0305

Fax: 0044 (0)1223 891210

E-mail: certis@certiseurope.co.uk

For technical and non-emergency calls - phone 0044 (0)1223 894261

**For advice on medical emergencies, fires, spillages or chemical hazards ONLY –
phone 0870 190 6777**

Approval Holder: Nisso Chemical Europe GmbH, Berliner Allee 42,
40212 Dusseldorf, Germany

®COSINE is a registered trademark of Certis Europe B.V.

GENERAL INFORMATION

®COSINE is a protectant fungicide with useful curative activity against Powdery mildew on apples and pears.

DIRECTIONS FOR USE - READ CAREFULLY BEFORE OPENING THE BOTTLE

IMPORTANT: This information is approved as part of the product label. All instructions within this section must be read carefully in order to obtain safe use and successful use of this product.

DIRECTIONS FOR USE- APPLES AND PEARS

Crop safety and timing

COSINE can be used on all varieties of apples and pears.

Mixing

Half fill the spray tank with clean water. Commence agitation. Add the recommended quantity of COSINE to the spray tank. Complete filling and maintain agitation of the solution before and during spraying until the tank is empty.

Rate, water volume and application

Rate: 0.5 l COSINE per hectare

Maximum number of applications

A maximum of two applications of COSINE may be applied per year.

Application Interval

A minimum period of 7 days must be observed between COSINE applications

Water Volume

Apply the recommended dose of 0.5 l/ha to full height trees typical of UK orchards at full canopy density.

Where tree height and/or canopy density is reduced, the dose (and water volume) should be adjusted in accordance with an appropriate dose adjustment scheme.

Consult your specialist advisor for further information.

A water volume of 200-1500 litres per hectare is recommended. It is important to ensure that good overall coverage achieved.

Spray quality: FINE or MEDIUM (as defined by the BCPC) using a conventional hydraulic sprayer or a broadcast air-assisted sprayer.

Time of application

For best results COSINE should be applied at the first visible signs of infection by Powdery mildew providing a minimum of 7 days between COSINE applications is observed. Where disease pressure remains high or re-infection occurs, a further application of COSINE can be made to the crop.

Latest time of application

14 days before harvest

Resistance management

The mode of action of cyflufenamid is different to that of fungicides from other groups. There are no known cases of cross resistance to cyflufenamid in pathogens that have developed reduced sensitivity to other fungicides.

Disease control may be reduced if strains of pathogens less sensitive to cyflufenamid develop. Guidelines issued by FRAC may help to reduce the onset of resistant strains:

- Apply COSINE at the start of foliar disease attack.
- COSINE must be used as part of an Integrated Crop Management programme that includes use in alternation or tank mixture with fungicides with different modes of action effective against powdery mildew AS WELL AS non-chemical methods of disease management.
- Do not apply consecutive applications of products containing cyflufenamid.
- Apply according to manufacturers recommendations at the specific crop growth stage indicated.
- Apply a maximum of 2 sprays per cereal crop.

Rainfastness

COSINE is rainfast within one hour.

Restrictions

Do not apply COSINE to crops under stress from drought, waterlogging, cold, pests or diseases, nutrient or lime deficiency or other factors reducing plant growth.

Succeeding and replacement crops

There are no restrictions on the planting of any succeeding or rotational crop following the application of COSINE.

Spray tank clean-out

Immediately after spraying COSINE, drain tank completely. Any contamination on the outside of the spraying equipment should be removed by washing with water and a commercially available cleaning agent (e.g. All Clear Extra). Rinse inside of tank with clean water and cleaning agent and flush through boom and hoses using at least one tenth of the spray tank volume. Drain completely. Repeat rinsing as above. Do not contaminate surface waters or ditches with rinse water or empty containers.

Warning

Avoid spray drift onto ponds, waterways and ditches.
Consult processor before using on crops grown for processing

All Clear is a registered trademark of E.I.Du Pont de Nemours and Co Inc.

This Safety Data Sheet does not form part of the label authorised under Regulation 1107/2009.

SAFETY DATA SHEET

Date of issue 19/09/2016 **Revision date** 19/09/2016 **Version** 3.4

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

1.1. Product identifier

Product name	Cosine
Product form	Mixture
Type of formulation	Emulsion, oil in water (EW)
Active Ingredient	Cyflufenamid
Composition code	NI 022 C0058

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Main use category Plant protection product for professional use. Agriculture.

Use of the substance/mixture Fungicide

1.2.2. Uses advised against

No additional information available.

1.3. Details of the supplier of the safety data sheet

Supplier:

Nisso Chemical Europe GmbH, Berliner Allee 42, 40212 Düsseldorf, Allemagne

T.: +49(0) 211 130 66 86 0

F.: +49(0) 211 328231

sds@niso-chem.de

Distributor:

Suite 5, 3 Riverside, Granta Park, Great Abington, Cambridgeshire CB21 6AD, United Kingdom

Tel: +44 (0)845 373 0305

Fax: +44 (0)1223 891210

Email: certis@certiseurope.co.uk

Website: www.certiseurope.co.uk

1.4. Emergency telephone number

Certis Carechem24 multilingual 24 hours emergency number: +44 (0) 870 190 6777.

For advice on medical emergencies, fires, spillages or chemical hazards only –phone: 0870 190 6777.

For further advice for medical professionals - The National Poisons Information Service:

Tel: 0870 600 6266 (UK only) or Dublin Tel: 0035 3 137 99 64/379966.

For further advice for veterinary surgeons: 020 7635 9195.

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aquatic Chronic 2 H411

Full text of H-phrases: see section 16.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard Pictograms (CLP)



Signal word (CLP)

Hazard statements (CLP)

H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP)

P273 - Avoid release to the environment.

P391 - Collect spillage.

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.

SP 1 – Do not contaminate water with the product or its container (Do not clean application equipment near surface water/ Avoid contamination via drains from farmyards and roads).

EUH phrases

EUH401 - To avoid risks to human health and the environment, comply with the instructions for use.

EUH208 – Contains 1,2-Benzisothiazolin-3-one. May produce an allergic reaction.

2.3. Other hazards

No additional information available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable.

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Cyflufenamid	(CAS No) 180409-60-3 (EC no) - (EC index no) -	5,0	Aquatic Chronic 1, H410
Hydrocarbons, C10-C13, aromatics, <1% naphthalene	(CAS No) - (EC no) 922-153-0 (EC index no) -	18	Asp. Tox. 1, H304 Aquatic Chronic 2, H411 EUH066

Sorbitane trioleate (Anhydro-D-glucitol trioleate)	(CAS No) 26266-58-0 (EC no) 247-569-3 (EC index no) -	10	Skin Irrit. 2, H315 Eye Irrit. 2, H319
Polyoxyethylene oleylether (CAS No) 9004-98-2	(CAS No) 9004-98-2 (EC no) 500-016-2 (EC index no) -	10	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Poly(oxy-1,2-ethanediyl), a-[2,4,6-tris(1-phenylethyl)phenyl]- w-hydroxy	(CAS No) 99734-09-5	5	Aquatic Chronic 3, H412
Polyoxyethylene tristyllylphenylether phosphate	(CAS No) 90093-37-1	1	Eye Irrit. 2, H319
1,2-Benzisothiazole-3-(2H)-one	(CAS No) 2634-33-5 (EC no) 220-120-9 (EC index no) 613-088-00-6	0.2	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 (2) Aquatic Acute 1, H400

Full text of H- and EUH-phrases: see section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

First-aid measures general

In the event of any complaints or symptoms, avoid further exposure.

First-aid measures after inhalation

IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If symptoms persist call a doctor.

First-aid measures after skin contact

IF ON SKIN: Wash with plenty of soap and water. Remove contaminated clothing and shoes. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an eye specialist.

First-aid measures after ingestion

IF SWALLOWED: Immediately call a POISON CENTRE or doctor. Never give anything by mouth to an unconscious person.

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

Symptoms/injuries No data available.

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

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media Water spray
Dry chemical powder
Alcohol resistant foam
Carbon dioxide (CO₂)

Unsuitable extinguishing media Not known

5.2. Special hazards arising from the substance or mixture

Fire hazard Combustion or thermal decomposition may generate toxic vapours:
carbon dioxide, carbon monoxide, hydrogen fluoride and nitrogen oxides.

5.3. Advice for firefighters

Firefighting instructions Exercise caution when fighting any chemical fire.
Fight fire from safe distance and protected location.
Do not breathe fumes.
Cool closed containers exposed to fire with water spray.
If possible, take the containers out of dangerous zone.
Contain fire-fighting water with dikes or absorbents to prevent migration and entry into sewers or streams.

Protection during firefighting Wear suitable protective clothing, gloves, eye/face protection and respiratory protection.
Wear a self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Protective equipment Wear suitable protective clothing, gloves and eye or face protection.

Emergency procedures Evacuate area.
Ensure adequate ventilation.
Avoid direct contact with the substance.
Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Keep away from ignition sources.
Avoid breathing the vapour.

6.2. Environmental precautions

Prevent entry to sewers and public waters.
Notify the authorities if product enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Clean up any spills as soon as possible, using an absorbent material to collect it. For large quantities: remove with vacuum truck.
For small quantities: e.g. sand or vermiculite

Once absorbed collect spilled material with shovels, buckets and place in closed containers and label properly.
Wash spill site with soap and plenty of water after material pick-up is complete
Remove as chemical waste, according to national or local legislation.
In the event of major spillage: contact an expert.

6.4. Reference to other sections

Reference to other sections (8, 13).

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Precautions for safe handling	Read label before use. Avoid contact with eyes, skin, nose and mouth. Wear suitable protective clothing, gloves and eye/face protection. Opened containers must be carefully closed and kept upright to avoid leakage.
Hygiene measures	Do not breathe mist or vapour Always wash your hands immediately after handling this product, and once again before leaving the workplace. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	Provide adequate ventilation.
Storage conditions	Prevent unauthorised access. Keep locked up and out of the reach of children. Keep in original containers, tightly closed. Keep away from food, drink and animal feedingstuffs. Protect against frost. Avoid direct contact with water, acids or bases Keep away from heat and direct sunlight.

7.3. Specific end use(s)

Fungicide for agricultural use. Refer to the label.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Control parameters: Active ingredient: TLV/ACGIH not listed.

8.2. Exposure controls

Appropriate engineering controls

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Personal protective equipment

Protective clothing. Protective goggles. Gloves. Dust/aerosol mask.



Hand protection

Wear impervious gloves resistant to chemical. Gloves material; e.g. outside Rubber, Vinyl chloride resin; inside: cotton, rayon.

Eye protection

Safety goggles or a face shield.

Skin and body protection

Protective clothing with long sleeves waterproof and resistant to chemicals. Rubber boots.

Respiratory protection

Wear appropriate respirator for dust/organic vapours.

Hygiene measures

Do not eat, drink or smoke while handling the product.

Clean gloves with soap and water before removing.

Wash hands and face with soap and water before eating, drinking or smoking.

Clean equipment, premises and work clothes regularly.

Work clothing should remain on the work area and stored separately from street clothes.

Environmental exposure controls

Discharge into the environment must be avoided.

Do not contaminate surface and groundwater.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical state	Liquid
Colour	Off-white to pale yellow
Odour	Aromatic
Odour threshold	No data available
pH	No data available
Relative evaporation rate (butylacetate=1)	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	103°C
Flash point	112°C (Cleaveland open cup)
Self ignition temperature	No data available
Decomposition temperature	>140°C (Cyflufenamid)
Flammability (solid, gas)	Ninguno
Vapour pressure at 20°C	3,54 × 10 ⁻⁵ Pa (Cyflufenamid)
Relative vapour density	No data available
Relative density	1.027 (20°C)
Solubility	Insoluble
Partition Coefficient n-Octanol/H ₂ O	Log Pow = 4.7 (25°C, pH 6.75)
Log Kow	No data available

Viscosity, kinematic	3.7 x 10 ⁻⁵ m ² /sec (40°C)
Viscosity, dynamic	No data available
Explosive properties	Not explosive
Oxidising properties	No oxidising properties
Explosive limits	No data available

9.2. Other information

Surface tension	31,9 mN/m (25°C)
-----------------	------------------

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

The product is stable at normal handling and storage conditions.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization does not occur.

Is not explosive and does not exhibit oxidant properties.

10.4. Conditions to avoid

High temperature.

10.5. Incompatible materials

Strong oxidising agents, strong acids or bases.

10.6. Hazardous decomposition products

Combustion or thermal decomposition may generate toxic vapours: carbon oxides, nitrogen oxides, carbon oxides, methyl sulfide, sulfur dioxide and hydrogen chloride.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity Not classified

CYFLUFENAMID 5% EW	
LD50 oral rat	> 5000 mg/kg
LD50 dermal rat	> 2000 mg/kg
LC50 inhalation rat	> 4.41 mg/l/4h

Skin Irritation	Moderate to severe irritation in rabbits.
Eye Irritation	Very slight irritation in rabbits.
Sensitisation	Not a skin sensitiser in guinea pigs.
Carcinogenicity	Not carcinogenic in rats and mice (Cyflufenamid)
Mutagenicity	Ames test: Negative. (Cyflufenamid) Chromosomal aberration test: Negative. (Cyflufenamid) Cytogenetic test (mouse lymphoma): Negative (Cyflufenamid)
Toxicity for reproduction	Negative (Cyflufenamid)
Teratogenicity	Negative in rats and rabbits (Cyflufenamid).
Chronic Toxicity	<u>Cyflufenamid</u>

Subchronic Toxicity NOAEL (rat, 2 years) 4,4 mg/kg/day (male), 5,5 mg/kg/day (female)
 NOAEL (mice, 1.5 years) 62,8 mg/kg/day (male), 9,0 mg/kg/day (female)
Cyflufenamid
 NOAEL (rat, 90 days, repeated dose) : 20,1 mg/kg/day (male),
 24,7 mg/kg/day (female)

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

CYFLUFENAMID 5% EW	
LC50 Fishes (Oncorhynchus mykiss)	9.84 mg/l (96 h)
EC50 Daphnia (Daphnia magna)	9.48 mg/l (48 h)
ErC50 Algae (Selenastrum capricornutum)	1.628 mg/l (72h)
Chronic Toxicity for Algae (NOEC)	0,395 mg/l (72h)

12.2. Persistence and degradability

Cyflufenamid (180409-60-3)	
Persistence and degradability	Not readily biodegradable

12.3. Bioaccumulative potential

Cyflufenamid (180409-60-3)	
BCF	BCF = 528 at 10 µg/L (Mean of 10 -28 days)
Log Pow	Log Pow = 4.7 (25°C, pH 6.75)

12.4. Mobility in soil

Cyflufenamid	
Log Koc	1003 - 2100

12.5. Results of PBT and vPvB assessment

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent and very bioaccumulative (vPvB).

12.6. Other adverse effects

No additional information available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste treatment methods

- 1) Waste disposal according to 91/689/EEC in the corresponding versions (hazardous waste).
- 2) Consider classifications (European waste catalogue) 02 01 or 07 04
- 3) Consult the local authorities about special requirement.
- 4) Dispose of content/ container in accordance with local / national / international regulations

SECTION 14: TRANSPORT INFORMATION

In accordance with ADR / RID / ADNR / IMDG / ICAO / IATA

14.1. UN number

UN-No. 3082

14.2. UN proper shipping name

Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE,
LIQUID, N.O.S. (Cyflufenamid and Polyoxyethylene oleyether mixture)

Transport document description UN 3082 ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, LIQUID, N.O.S. (Cyflufenamid and Polyoxyethylene oleyether
Mixture), 9 III, (E)

14.3. Transport hazard class(es)

Class (UN) 9

Hazard labels (UN) 9



14.4. Packing group

Packing group (UN) III

14.5. Environmental hazards

Dangerous for the environment



Other information No supplementary information available.

14.6. Special precautions for user

14.6.1. Overland transport

Hazard identification number (Kemler No.) 90

Orange plates



14.6.2. Transport by sea

No additional information available.

14.6.3. Air transport

No additional information available.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

No REACH Annex XVII restrictions.

Contains no REACH candidate substance.

15.1.2. National regulations

No additional information available.

15.2. Chemical safety assessment

No additional information available.

SECTION 16: OTHER INFORMATION

Change	Previous	Section	Changed Item	Chang	Comments
04/02/2014	1.1	2	CLP classification and label elements	Added	
			R51/53	Remove	
			R50/53	Added	
31/10/2014	3.0	3.2, 9.0, 12			Update according to Version 10 of NISSO (05/06/2014)
19/09/2016	3.3	1.3	Allemagne	Modified	Translation into English
		2.2	Label elements	Updated	According to version 15 (September 6, 2016)
		3.2	Cyflufenamid, Polyoxyethylene and 1,2-Benzisothiazole content	Updated	According to version 15 (September 6, 2016)
		5.1 5.2 6.1 6.3 7.2 8.1 10.6 13		Updated	According to version 15 (September 6, 2016)

		14			
		9.0	Flammability, Relative density	Updated	According to version 15 (September 6, 2016)

Full text of H- and EUH-phrases:

Acute Tox. 4 (Dermal)	Acute toxicity (dermal) Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Aquatic Acute 1	Hazardous to the aquatic environment - Acute Hazard Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment - Chronic Hazard Category 2
Aquatic Chronic 3	Hazardous to the aquatic environment - Chronic Hazard Category 3
Asp. Tox. 1	Aspiration hazard Category 1
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2	Serious eye damage/eye irritation Category 2
Skin Corr. 1B	skin corrosion/irritation Category 1B
Skin Irrit. 2	skin corrosion/irritation Category 2
Skin Sens. 1	Skin sensitisation Category 1
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H332	Harmful if inhaled
H400	Very toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects