



SAFETY DATA SHEET

CODE DC135

Revised date: 30.03.17

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

1.1 Product identifier

Name

Rust Remover DC135

1.2 Uses advised against

Use of substance / mixture, Rust remover

1.3 Supplier

Natural Paving Products (UK) Ltd
Belton Road
Sandtoft
Doncaster
North Lincolnshire
DN8 5SX
Tel: 0330 333 8030
Fax: 0330 333 8040
Email: marketing@naturalpaving.co.uk
0330 333 8030

1.4 Emergency tel

2 HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Classification under CLP

Acute Tox. 4: H302; Eye Dam. 1: H318;
Skin Irrit. 2: H3154

Classification under CHIP

Xn: R22; Xi: R38

Most important adverse affects

Harmful if swallowed. Irritating to skin.

2.2 Label elements

Label elements under CLP

Hazard statements

H302: Harmful if swallowed.
H315: Causes skin irritation.
H318: Causes serious eye damage.

Signal words

Danger

Hazard pictograms

GHS05: Corrosion
GHS07: Exclamation mark



Precautionary statements

P102: Keep out of reach of children.
P280: Wear.
P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER or doctor.
P330: Rinse mouth.

Label elements under CHIP:

Hazard symbols:

Harmful.



Risk phrases:

R22: Harmful if swallowed.
R38: Irritating to skin.

Safety phrases:

S2: Keep out of the reach of children.
S46: If swallowed, seek medical advice immediately and show this container or label.

2.3 Other hazards

PBT

This product is not identified as a PBT/vPvB substance.

3 COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Hazardous ingredients:

THIOGLYCOLIC ACID SODIUM SALT

EINECS	CAS	CHIP Classification	CLP Classification	Percent
-	376-51-1	Xn: R22; Xi: R38	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Irrit. 2: H319	24.9-50%

C9-11 ALCOHOL ETHOXOLATE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
-	68439-46-3	Xi: R41	-	2.5-4.9%



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4 FIRST AID MEASURES

4.1 Description of first aid measures

Skin contact

Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

Eye contact

Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion

Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

Inhalation

Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact

There may be irritation and redness at the site of contact.

Eye contact

There may be irritation and redness at the site of contact.

Ingestion

There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

Inhalation

There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects

Immediate effects can be expected after short-term exposure.

4.3 Indication of any immediate medical attention and special treatment needed

No specific first aid measures noted.

5 FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2 Special hazards arising from the substance or mixture

Exposure hazards

In combustion emits toxic fumes.

5.3 Advice for firefighters

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.



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6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2 Environmental precautions

Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3 Methods and material for containment and cleaning up

Clean-up procedures

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4 Reference to other sections

Refer to section 8 of SDS.

7 HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool, well ventilated area. Keep container tightly closed.

7.3 Specific end use(s)

No data available.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Workplace exposure limits

No data available.

DNEL / PNEC

No data available.

8.2 Exposure controls

Engineering measures

Ensure there is sufficient ventilation of the area.

Respiratory equipment

Self-contained breathing apparatus must be available in case of emergency.

Hand protection

Impermeable gloves.

Eye protection

Safety glasses. Ensure eye bath is to hand.

Eye protection

Impermeable protective clothing.



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9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

State	Liquid.
Colour	Pale purple.
Odour	Pungent.
Evaporation rate	Slow.
Solubility	Soluble in water.
Viscosity	Non-viscous.
Boiling point/range°C	100c.
pH	7.
Flash point°C:	>93.
VOC g/l	Not applicable.

9.1 Other information

No data available.

10 STABILITY AND REACTIVITY

10.1 Reactivity

Stable under recommended transport or storage conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4 Conditions to avoid

Heat.

10.5 Incompatible materials

Strong oxidising substances. Strong acids.

10.6 Hazardous decomposition products

In combustion emits toxic fumes.

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Relevant effects for mixture:

Effect	Route	Basis
Acute toxicity (harmful)	ING	Hazardous: calculated
Irritation	DRM	Hazardous: calculated



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Symptoms / routes of exposure

Skin contact

There may be irritation and redness at the site of contact.

Eye contact

There may be irritation and redness. The eyes may water profusely.

Ingestion

There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

Inhalation

There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects

Immediate effects can be expected after short-term exposure.

12 ECOLOGICAL INFORMATION

12.1 Ecotoxicity

No data available.

12.2 Persistence and degradability

Biodegradable.

12.3 Bioaccumulative potential

No bioaccumulation potential.

12.4 Mobility in soil

Readily absorbed into soil.

12.5 Results of PBT and vPvB assessment

This product is not identified as a PBT/vPvB substance.

12.6 Other adverse effects

Negligible ecotoxicity.

13 DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Disposal operations

Transfer to a suit able container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14 TRANSPORT INFORMATION

Transport class:

This product does not require a classification for transport.

15 REGULATORY INFORMATION

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

Chemical Safety Assessment

A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.



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16 OTHER INFORMATION

Other information

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Phrases used in s.2 and s.3

H302: Harmful if swallowed.
H315: Causes skin irritation.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
R22: Harmful if swallowed.
R38: Irritating to skin.
R41: Risk of serious damage to eyes.

Legend to abbreviations

PNEC = predicted no effect level
DNEL = derived no effect level
LD50 = median lethal dose
LC50 = median lethal concentration
EC50 = median effective concentration
IC50 = median inhibitory concentration
dw = dry weight
bw = body weight
cc = closed cup
oc = open cup
MUS = mouse
GPG = guinea pig
RBT = rabbit
HAM = hamster
HMN = human
MAM = mammal
PGN = pigeon
IVN = intravenous
SCU = subcutaneous
SKN = skin
DRM = dermal
OCC = ocular/corneal
PCP = physico-chemical properties

The contents and format of this SDS are in accordance with EEC Commission Directive 2001/58EC.

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