



Safety data-sheet (91/155 EEC)

Printed 12.08.2003
Revision 05.08.2003 (GB) Version 1.0

Corro Protection, 400 ml

1. Identification of the substance/preparation

Name of product	Corro Protection, 400 ml Code-Nr. 11550
Manufacturer/distributor	WEICON GmbH & Co. KG Königsberger Straße 255, D-48157 Münster Postbox 84 60, D-48045 Münster Phone ++49(0)251 / 9322 - 0, Fax ++49(0)251 / 9322 - 44 E-Mail info@weicon.de Internet http://www.weicon.de
Advice	Abteilung Angebote, Verkauf, Export Phone ++49(0)251 / 9322 - 0
Emergency advice	Informationszentrale gegen Vergiftungen - Bonn Phone ++49(0)228-19 240

2. Composition/information on ingredients

Chemical characterization

Mixture of active ingredients with propellant

Hazardous ingredients

CAS-No.	EC-No.	Name	[% weight]	Classification
061641-74-5	./.	propane/butane-mixture	20-50	F+, R12
064742-49-0	265-151-9	Naphtha (petroleum)	25 - 50	Xn, F, N, R11-38-65-67-51/53
064742-82-1	265-185-4	Naphtha (petroleum), hydrotreated heavy (NOTA P)	10 - 25	Xn R65; R66-67; R10; N R51/53

3. Special hazards information for man and environment

R-phrases

12	Extremely flammable.
38	Irritating to skin.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
67	Vapours may cause drowsiness and dizziness.

Special hazards information for humans and environment

In extensive use, formation of flammable / explosive vapour-air mixture is possible.

4. First aid measures

General information

Remove contaminated soaked clothing immediately.

In case of inhalation

Ensure of fresh air.
In the event of symptoms refer for medical treatment.

In case of skin contact

In case of contact with skin wash off with water.

In case of eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

In case of ingestion

Do not induce vomiting.
Medical treatment.
Rinse out mouth thoroughly with water.

Physician's information / possible symptoms

The following symptoms may occur:

Delirious state
Anaesthetic state
Headache

5. Fire-fighting measures**Suitable extinguishing material**

Foam
Dry powder
Carbon dioxide

Extinguishing material that may not be used for safety reasons

water

Special exposure hazards arising from the substance, combustible products or resulting gases

Danger of burst.
Fire gas of organic material has to be classed invariably as respiratory poison.

Special protective equipment for firefighters

Use breathing apparatus with independent air supply.
Fire-fighting operations, rescue and clearing work under effect of combustion and smoulder gases just may be done with breathing apparatus.

Additional information

Cool endangerey containers with water spray jet.

6. Accidental release measures**Personal precautions**

Ensure adequate ventilation.
Keep away sources of ignition.

Environmental precautions

Do not discharge into the drains or bodies of water..

Methods for cleaning up/taking up

Take up with absorbent material.
After taking up the material dispose according to regulation.

7. Handling and storage**Advice on safe handling**

Do not spray into flames or any incandescent material.
Care for thoroughly room ventilation, if necessary suck off at workplace.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking
Do not pierce or burn even after use.
The product is combustible.
Vapours can form an explosive mixture with air.
Avoid effect of heat.

Requirements for storage rooms and vessels

Keep in closed original container.
Adhere to administrative regulations relating to storage of compressed gas cylinders / containers.

Further information on storage conditions

Protect from direct solar radiation.
Keep container in a well-ventilated place
Storage temperature may not exceed 50°C (=122°F).
Keep in a cool place.



Safety data-sheet (91/155 EEC)

Printed

12.08.2003

Revision

05.08.2003 (GB) Version 1.0

Corro Protection, 400 ml

Storage group 2B

Fire class C

8. Exposure controls / personal protection

Ingredients with occupational exposure limits to be monitored

CAS-No.	Name	Code	[mg/m ³]	[ml/m ³]	Remark
000074-98-6	propane	TLV			Asphyxiant (see Appendix 1)
000106-97-8	butane	TLV	1450	600	
064742-49-0	Kohlenwasserstoffdämpfe Gr. 1 (TRGS 404)	TLV		350	
064742-82-1	Testbenzin	TLV		200	

Respiratory protection

Environment-independent breathing apparatus.

If ventilation insufficient, wear respiratory protection.

Hand protection

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]:: Nitrile; 0,4mm;480min; 60min.

Eye protection

safety goggles

Skin protection

protective clothing

General protective measures

Avoid contact with eyes and skin

Do not inhale aerosols

Hygiene measures

At work do not eat, drink, smoke or take drugs.

9. Physical and chemical properties

Form
aerosol

Colour
clear

Odour
solvent-like

Data relevant for safety

	Value	Temperature	at	Method	Remark
boiling point	-44 °C				
Flash point	< 0 °C				
Combustion temperature	200 °C				
Lower explosion limit	0,8 Vol-%				
Upper explosion limit	10,9 Vol-%				
Vapour pressure	3,5 bar	20 °C			
Density	0,667 g/ml	20 °C			
Solubility in water					insoluble
Solvent concentration	86 %				



Safety data-sheet (91/155 EEC)

Printed 12.08.2003
Revision 05.08.2003 (GB) Version 1.0

Corro Protection, 400 ml

	Value	Temperature	at	Method	Remark
--	-------	-------------	----	--------	--------

Solid contents 14 %

Explosive properties

The product is considered non-explosive ; nevertheless explosive vapour/air mixtures can be generated .

10. Stability and reactivity

Conditions to avoid

Keep away from heat.

Formation of explosive gas/air mixtures.

Hazardous decomposition products

carbon monoxide and carbon dioxide

11. Toxicological information

Acute toxicity/Irritability/Sensitization

	Value/Validation	Species	Method	Remark
Irritability skin	irritant			
Sensitization skin	non-sensitising			

Experiences made from practice

Vapours may cause dizziness, headaches and tiredness

Has a degreasing effect on the skin.

Additional information

Labelling in compliance with the assessment procedure specified in the EC guidelines 1999/45/EG

12. Ecological information

General regulation

Do not discharge product unmonitored into the environment.

Product is not allowed to discharge into aquatic environment.

13. Disposal considerations

Recommendations for the product

Remove in accordance with local official regulations.

Recommendations for packaging

Dispose of according to the local waste regulations.

General information

For proper waste disposal a complete emptying of the tin is necessary.

14. Transport information

Land and inland navigation transport (ADR/RID/GGVS/GGVE/ADNR)

Identification AEROSOLS

UN-No. 1950

Class 2.1

Remarks

transport in "limited quantities" according to 3.4 ADR LQ2 is possible



Safety data-sheet (91/155 EEC)

Printed 12.08.2003
Revision 05.08.2003 (GB) Version 1.0

Corro Protection, 400 ml

Marine transport IMDG/GGV See

Proper shipping name	AEROSOLS
UN-No.	1950
Class	2.1
PG	-
Marine pollutant	No
EmS-No.	F-D, S-U

Air transport ICAO/IATA

Proper shipping name	AEROSOLS FLAMMABLE
UN/ID-No.	1950
Class	2.1
PG	-

15. Regulatory information

Remarks for classification

The product is classified and labelled in accordance with EC directives/German regulations on dangerous substances.

Classification

F+	Extremely flammable
N	Dangerous for the environment
Xi	Irritant

R-phrases

12	Extremely flammable.
38	Irritating to skin.
51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
67	Vapours may cause drowsiness and dizziness.

S-phrases

16	Keep away from sources of ignition - No smoking.
2	Keep out of the reach of children.
23	Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).
23.4	Do not breathe spray.
51	Use only in well-ventilated areas.

Hazardous ingredients for labeling

Naphtha (petroleum), Naphtha (petroleum), hydrotreated heavy (NOTA P), propane/butane-mixture

Special labelling for certain preparations

Container is under pressure. Protect from sun and temperatures above 50°C. Do not open with force or incinerate even after use. Do not spray into flames or onto glowing objects.

Do not spray into flames or onto glowing objects.

Without sufficient ventilation the formation of explosive vapour/air mixtures cannot be excluded.

Keep away from fire - Do not smoke. Keep out of children's reach.

National regulations

Restriction of occupation

Adhere to national laws relating to employment limitation.

Decree for case of interference/ Accident decree, addendum II: no. 2
remarks

TI-AIR/ classification, compound, remarks

Class III	Ziffer 3.1.7	Anteil 100 %
-----------	--------------	--------------



Safety data-sheet (91/155 EEC)

Printed 12.08.2003
Revision 05.08.2003 (GB) Version 1.0

Corro Protection, 400 ml

Water hazard class	2	Auto-classification VwVwS (RFA) polluting substance
---------------------------	---	--------------------------------------------------------

VOC standard	
VOC content	86 %

16. Other information

Recommendend uses and restrictions

National and local regulations concerning chemicals shall be observed.

Further information

The information in this Safety Data Sheet is based on our present knowledge. However, it does not represent a guarantee for any specific product features and does not establish a contractual relationship.

Wording of the R-phrases specified in chapter 2 (not the classification of the formulation!)

R 10 Flammable.

R 11 Highly flammable.

R 12 Extremely flammable.

R 38 Irritating to skin.

R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 65 Harmful: may cause lung damage if swallowed.

R 66 Repeated exposure may cause skin dryness or cracking.

R 67 Vapours may cause drowsiness and dizziness.