



SAFETY DATA SHEET

1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation:

Name: RUSTOL CIP
Product code: CIP01

Company/undertaking identification:

Registered company name: DURIEU S.A..
Address: Z.A.I. "La Marinière" 2,bis rue Charles de Gaulle.91070.BONDOUFLE.FRANCE.
Telephone: + 33 (0)1.60.86.48.70. Fax: + 33 (0)1.60.86.84.84.
info@durieu.com
www.durieu.com

Emergency telephone: + 33 (0)1.45.42.59.59.

Association/Organisation: INRS <http://www.centres-antipoison.net>.

Use of the substance/preparation:

Corrosion Inhibitor Primer

2 - HAZARDS IDENTIFICATION

This product is not classified as flammable. Refer to the recommendations regarding the other products present on the site
May produce an allergic reaction.
Repeated exposure may cause skin dryness or cracking.

Preparation classification:

R 66	Repeated exposure may cause skin dryness or cracking.
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3 - COMPOSITION/INFORMATION ON INGREDIENTS

Full text of risk phrases appearing in section 3: see section 16.

INDEX	CAS	EC	Name	Symb.	R:	%
	64742-82-1*	265-185-4	NAPHTHA (PETROLEUM), HYDRODESULFURIZED HEAVY	Xn	65 66 Note(s): H P 4	25 <= x % < 50

Other substances with occupational exposure limits:

No known substance in this category present.

Other components:

INDEX	CAS	EC	Name	Symb.	R:	%
649-345-00-4	8052-41-3	232-489-3	STODDARD SOLVENT	Xn	65 Note(s): H P 4	0 <= x % < 2.5
649-405-00-X	64742-88-7	265-191-7	SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH.	Xn	65 Note(s): H 4	2.5 <= x % < 10
	64742-48-9	265-150-3	NAPHTHA (PETROLEUM), HYDROTREATED HEAVY	Xn	65 66 Note(s): H P 4	10 <= x % < 25

May produce an allergic reaction:

INDEX	CAS	EC	Name	Symb.	R:	%
	136-52-7	205-250-6	COBALT COMPOUNDS	Xn N	38 43 51/53 22	0 <= x % < 2.5

4 - FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.
NEVER induce swallowing in an unconscious person.

In the event of exposure by inhalation:

If a large quantity is inhaled, move the patient into the fresh air and keep him/her warm and still.

In the event of splashes or contact with eyes:

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.
Refer the patient to an ophthalmologist, in particular if there is any redness, pain or visual impairment.

In the event of splashes or contact with skin:

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.
DO NOT use solvents or thinners.

In the event of swallowing:

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.
If swallowed accidentally, call a doctor to assess the need for monitoring and subsequent treatment in hospital. Show him the label.

5 - FIRE-FIGHTING MEASURES

This product is not classed as flammable.

Suitable extinguishing media:

CO₂, extinguishing powder or pulverized water.

Extinguishing media which must not be used for safety reasons:

Direct water jet.

6 - ACCIDENTAL RELEASE MEASURES**Personal precautions:**

Consult the safety measures listed under headings 7 and 8.

Environmental precautions:

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.

Prevent any material from entering drains or waterways.

Use drums to dispose of waste recovered in accordance with applicable regulations (see heading 13).

If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures

Methods for cleaning up:

Clean preferably with a detergent, do not use solvents.

7 - HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

Handling:

Handle in well-ventilated areas.

Prevent use in areas with flames and other ignition sources. Use appropriate electric appliances.

Keep containers tightly closed.

Avoid getting on skin or in eyes when handling product.

Fire prevention:

Prevent access by unauthorised personnel.

Recommended equipment and procedures:

For personal safety, see §8.

Observe precautions stated on label and also industrial safety regulations

Packages which have been opened must be reclosed carefully and stored in an upright position

Prohibited equipment and procedures:

Smoking, eating and drinking are prohibited in premises where the preparation is used

Never open the packages under pressure

Storage:

Keep the container tightly closed in a dry place.

The floor must be impermeable and form a collecting basin so that, in the event of an accidental spillage, the liquid cannot spread beyond this area.

Keep only in the original container

Stock between +5°C and +30°C in a dry, well ventilated place.

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Use personal protection equipment as per Directive 89/686/EEC.

Technical measures:

Ensure adequate ventilation, if possible with extractor fans at work posts and appropriate general extraction.

If this ventilation is insufficient to maintain the concentration of solvent vapors below the exposure limits, wear breathing apparatus

Exposure limit values per INRS ED 984:

ACGIH(TLV)	TWA-ppm:	TWA-mg/m3:	STEL-ppm:	STEL-mg/m3:	Notes:	Notes:
8052-41-3	100	525	-	-	-	-

Exposure limit values (2003-2006):

Canada-Quebec	TWA:	STEL:	Ceiling:	Definition:	Criteria:
8052-41-3	100 ppm	-	-	-	-
Canada-Ontario	TWA:	STEL:	Ceiling:	Definition:	Criterion:
8052-41-3	525 mg/m3	-	-	-	-
Mexico	TWA:	STEL:	Ceiling:	Definition:	Criterion:
8052-41-3	100 ppm	200 ppm	-	-	-
Canada-British Columbia	TWA:	STEL:	Ceiling:	Definition:	Criterion:
8052-41-3	100 ppm	-	-	-	-
Canada-Alberta	TWA:	STEL:	Ceiling:	Definition:	Criterion:
8052-41-3	100 ppm	-	-	-	-
ACGIH/TLV	TWA:	STEL:	Ceiling:	Definition:	Criterion:
8052-41-3	100 ppm	-	-	-	-
USA/NIOSH REL	TWA:	STEL:	Ceiling:	Definition:	Criterion:
8052-41-3	350 mg/m3	-	1800 mg/m3	C-15 min mg/m3	-
USA/NIOSH IDLH	TWA:	STEL:	Ceiling:	Definition:	Criterion:
8052-41-3	-	-	20000 mg/m3	-	-
USA/OSHA PEL	TWA:	STEL:	Ceiling:	Definition:	Criterion:
8052-41-3	500 mg/m3	-	-	-	-

Respiratory protection:

Where workers encounter concentrations higher than the exposure limits, they must wear suitable, approved masks.

Anti-aerosol filters

- P2 (white)

Anti-gas filters :

- A2 (brown)

CEN recommendations : EN 136, EN 140, EN 405 for masks and EN 143, EN 149 for filters.

Hand protection:

Protective creams may be used for exposed skin, but they should not be applied after contact with the product.

In the event of prolonged or repeated contact with the hands, use appropriate gloves.

Type of gloves recommended :

- Nitrile

Permeability time : >480 min for a thickness >0.45 mm

CEN recommendations : EN 420 and EN 374/3

Eye and face protection:

Use eye protectors designed to protect against liquid splashes

Skin protection:

For further information, see § 11 of S.D.S. - Toxicological information.

9 - PHYSICAL AND CHEMICAL PROPERTIES**General information:**

Physical state:	fluid liquid
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Important health, safety and environmental information:

pH of the substance or preparation:	not relevant.
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The pH is impossible to measure or its value is not relevant.

Boiling point/boiling range:	200 °C.
Flash point interval:	Flash point > 60°C
Vapour pressure:	Below 110 kPa (1.10 bar).
Density:	< 1
Water solubility:	Insoluble.
Viscosity:	250 sec (ISO2431 n°3)
Vapour density:	>1

Other information:

melting point/melting range:	not specified.
Self-ignition temperature:	not specified.
Decomposition point/decomposition range :	not specified.
% VOC:	<50%
VOC (g/l):	478

10 - STABILITY AND REACTIVITY

When exposed to high temperatures, the preparation may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and nitrogen oxide

Conditions to avoid:

Refer to §7.

11 - TOXICOLOGICAL INFORMATION

No data is available regarding the preparation itself.

Exposure to vapors from solvents contained in the preparation beyond the exposure limits stated may produce effects harmful to health, such as: Irritation of mucous membrane and respiratory system, kidneys, liver and central nervous system.

Symptoms produced will include headaches, numbness, dizziness, fatigue, muscular asthenia and, in extreme cases, loss of consciousness. Prolonged or repeated contact with the preparation may strip the skin of its natural oil and thus cause non-allergic dermatitis on contact and absorption through the epidermis.

Splashes in the eyes may cause irritation and reversible damage

In the event of exposure by inhalation:

Slightly toxic. Based on relative experimental data on products with similar structure.

In the event of swallowing:

Slightly toxic. Can cause varying degrees of harm to the lungs. Based on relative experimental data on products with similar structure.

In the event of splashes or contact with skin:

Negligable risks when used under normal conditions at room temperature.

Repeated exposure may cause skin dryness or cracking

In the event of splashes or contact with eyes:

Can cause slight temporary eye irritation. Based on relative experimental data on products with similar structure.

Other data:

Formula sent to the I.N.R.S.

12 - ECOLOGICAL INFORMATION

No ecological data on the product itself is available.

The product must not be allowed to run into drains or waterways.

Mobility:

Contains volatile products that will disperse in air.

Contains a solid phase.

Ecotoxicity:

Do not leave this product, not diluted or in great quantity, penetrate the ground water, waters or the drains.

13 - DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

Waste:

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

14 - TRANSPORT INFORMATION

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2009 - IMDG 2008 - ICAO/IATA 2011).

15 - REGULATORY INFORMATION

This preparation was classified in compliance with the directive known as <All preparations> 1999/45/EC and its adaptations
In addition directive 2008/58/EC with the 30° adaptation of directive 67/548/EEC (Hazardous substances) has been taken into account.
In addition directive 2009/2/EC with the 31° adaptation of directive 67/548/EEC (Hazardous substances) has been taken into account.
In addition Regulation (EC) No 1272/2008 has been taken into account.
This product is not classified as flammable.

Contains:

Contains 205-250-6	COBALT COMPOUNDS. May produce an allergic reaction.
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Particular hazards associated with the preparation and safety recommendations:

R 66	Repeated exposure may cause skin dryness or cracking.
S 2	Keep out of the reach of children.
S 23	Do not breathe vapours
S 24	Avoid contact with skin.
S 62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Particular provisions:

NFPA 704 Label: Health=0 Flammability=2 Instability=1 Special Hazards=none

16 - OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties

A symbol shown on the side of the page, indicates that the paragraph has been modified and supersedes all previous versions of the same paragraph.

Full text of risk phrases appearing in section 3:

R 22	Harmful if swallowed.
R 38	Irritating to skin.
R 43	May cause sensitisation by skin contact.
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.

2004/42/EC (COV):

The permitted European levels of VOC in the ready-to-use product (category IIa) are 600 g/l maximum in 2007 and 500 g/l maximum in 2010.
The permitted European level of VOC in this ready-to-use product is limited to 480 g/l.