



SAFETY DATA SHEET DC1 - VERICLEAN FLUX REMOVER

According to Regulation (EC) No 1907/2006

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

PRODUCT NAME	DC1 - VERICLEAN FLUX REMOVER		
PRODUCT NO.	MCC-DC1101, MCC-DC1105, MCC-DC1		
APPLICATION	Cleaning agent		
SUPPLIER	MICROCARE EUROPE BVBA	MANUFACTURER	MICROCARE CORPORATION
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2 HAZARDS IDENTIFICATION

Highly flammable.

CLASSIFICATION F:R11.

PHYSICAL AND CHEMICAL HAZARDS

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

HUMAN HEALTH

Splashes in the eyes may cause redness and irritation. Keep out of reach of children. See section 11 for additional information on health hazards.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
1-METHOXY-2-PROPANOL	203-539-1	107-98-2	1-5%	R10

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

GENERAL INFORMATION

Promptly remove any clothing that becomes wet. Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

NOTES TO THE PHYSICIAN

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

INHALATION

Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

INGESTION

DO NOT INDUCE VOMITING! Immediately rinse mouth and drink plenty of water (200-300 ml). Do not give victim anything to drink if they are unconscious. Consult a physician for specific advice.

SKIN CONTACT

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

DC1 - VERICLEAN FLUX REMOVER

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

SPECIAL FIRE FIGHTING PROCEDURES

Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.

UNUSUAL FIRE & EXPLOSION HAZARDS

Aerosol cans may explode in a fire. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

SPECIFIC HAZARDS

Aerosol containers can explode when heated, due to excessive pressure build-up.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear approved, tight fitting safety glasses where splashing is probable.

SPILL CLEAN UP METHODS

Wear necessary protective equipment. If leakage cannot be stopped, evacuate area. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Keep out of reach of children.

STORAGE PRECAUTIONS

Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
1-METHOXY-2-PROPANOL	WEL	100 ppm(Sk)	375 mg/m3(Sk)	150 ppm(Sk)	560 mg/m3(Sk)	

WEL = Workplace Exposure Limit.

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves.

EYE PROTECTION

Use eye protection. Wear approved, tight fitting safety glasses where splashing is probable.

DC1 - VERICLEAN FLUX REMOVER**OTHER PROTECTION**

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	Clear Colourless		
ODOUR	Slight odour Ether.		
PHYSICAL DATA COMMENTS	Aerosol		
VOLATILITY DESCRIPTION	Volatile.		
SOLUBILITY	Not soluble in water.		
BOILING POINT (°C)	98 C / 210 F	VAPOUR DENSITY (air=1)	> 1.0
VAPOUR PRESSURE	44.6 mm Hg 25	VOLATILE BY VOL. (%)	100
FLASH POINT (°C)	-04.0 C / 24.8 F TCC (Tag closed cup).	AUTO IGNITION TEMPERATURE (°C)	689 C / 365 C
FLAMMABILITY LIMIT - LOWER(%)	1.25	FLAMMABILITY LIMIT - UPPER(%)	18.6
VOLATILE ORGANIC COMPOUND (VOC)	87 g/litre		

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids.

HAZARDOUS POLYMERISATION

Will not polymerise.

MATERIALS TO AVOID

Strong oxidising substances.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Vapours/gases/fumes of: Silicon dioxide Formaldehyde

11 TOXICOLOGICAL INFORMATION**INHALATION**

May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system.

INGESTION

No harmful effects expected in amounts likely to be ingested by accident.

SKIN CONTACT

Product has a defatting effect on skin. May cause skin irritation/eczema

EYE CONTACT

Irritating to eyes.

OTHER HEALTH EFFECTS

This substance has no evidence of carcinogenic properties.

Name	1-METHOXY-2-PROPANOL
Name	HFC-134a Tetrafluoroethane
Toxic Dose 1 - LD 50	>2085 mg/kg (oral rat)

OTHER HEALTH EFFECTS

This substance has no evidence of carcinogenic properties.

DC1 - VERICLEAN FLUX REMOVER

Name

HEXAMETHYLDISILOXANE

12 ECOLOGICAL INFORMATION

Name	1-METHOXY-2-PROPANOL
	HFC-134a Tetrafluoroethane
LC 50, 96 Hrs, FISH mg/l	450
EC 50, 48 Hrs, DAPHNIA, mg/l	980
Name	HEXAMETHYLDISILOXANE

13 DISPOSAL CONSIDERATIONS**GENERAL INFORMATION**

Recover and reclaim or recycle, if practical.

DISPOSAL METHODS

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

PROPER SHIPPING NAME	AEROSOLS		
PROPER SHIPPING NAME	Consumer Commodity ORM-D		
UN NO. ROAD	UN1950	ADR CLASS NO.	2.1
ADR CLASS	Class 2.1: Flammable gases.	ADR PACK GROUP	5°F
HAZCHEM CODE	N/A	RID CLASS NO.	2.1
RID PACK GROUP	5°F	UN NO. SEA	1950
IMDG CLASS	2.1	IMDG PAGE NO.	94
IMDG PACK GR.	N/A	EMS	F-D, S-U
UN NO. AIR	1950	AIR CLASS	2.1
AIR SUB CLASS	N/A	AIR PACK GR.	N/A

15 REGULATORY INFORMATION**LABELLING**

Highly Flammable

RISK PHRASES

R11 Highly flammable.

SAFETY PHRASES

S9 Keep container in a well-ventilated place.

S16 Keep away from sources of ignition - No smoking.

S24 Avoid contact with skin.

S51 Use only in well-ventilated areas.

S60 This material and its container must be disposed of as hazardous waste.

DC1 - VERICLEAN FLUX REMOVER

A1	Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
A2	Do not spray on a naked flame or any incandescent material.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

NATIONAL REGULATIONS

The Aerosol Dispensers (EEC Requirements)(Amendment) Regulations 1996 (SI 1996 No 2421).

16 OTHER INFORMATION**REVISION COMMENTS**

NOTE: Lines within the margin indicate significant changes from the previous revision.

REVISION DATE 30/07/2009

REV. NO./REPL. SDS 4

GENERATED

SAFETY DATA SHEET STATUS

Approved.

DATE July 14, 2009

RISK PHRASES IN FULL

R10 Flammable.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.