

**01 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product trade name Metal-Fluid-Spray
Product code 115800
Chemical family Aqueous cleaner containing care components.
Product use Technical aerosols
Manufacturer Weicon GmbH & Co. KG
Königsberger Straße 255,
D-48157 Münster
Telephone: +49 (0) 251 / 9322 - 0
Telefax: +49 (0) 251 / 9322 - 244
e-mail: info@weicon.de
Internet : www.weicon.de

Responsible for the safety data sheet: sds@gbk-ingelheim.de

Supplier WEICON Inc.
20 Steckle Place, Unit 20
Kitchener, Ontario N2E 2C3
Telephone: 519 896 5252
Telefax: 519 896 5254
e-mail: info@weicon.ca

Emergency advice 0 11 49 178 433 74 34 (CONSULTANK Lutz Harder GmbH)

02 HAZARDS IDENTIFICATION

Emergency overview DANGER: Extremely flammable. Contents under pressure.
Potential Health Effects Inhalation of vapors may cause dizziness, headaches and narcotic effect.
Routes of entry Skin and eye contact and inhalation
Carcinogenicity NTP:No IARC:No OSHA:No
WHMIS Classification

Class A, B5

**03 COMPOSITION / INFORMATION ON INGREDIENTS**

Component	CAS#	% by wt.
Ocenol, ethoxylated, propoxylated		<5
Propane/butane mixture	61641-74-5	40 - 45



04 FIRST AID MEASURES

Skin	Remove contaminated clothing immediately. In case of contact with skin wash off with soap and water. Consult a doctor if irritation persists.
Eyes	Wash eyes immediately with large amounts of water for about 15 minutes, especially under the eyelids. Consult an eye specialist immediately if irritation occurs.
Ingestion	If person is conscious, rinse mouth with water and give water to dilute stomach contents. Do not induce vomiting. Never give anything by mouth to an unconscious person. Obtain medical attention immediately.
Inhalation	In the event of excessive inhalation, remove the individual to fresh air and keep him immobile. In the event of symptoms seek medical assistance immediately.
Physician's information	The following symptoms may occur: Unconsciousness, delirious state, anaesthetic state, headache, confusion, dizziness.

05 FIRE AND EXPLOSION DATA

Flash point	Not determined
Extinguishing media	Foam, dry powder, carbon dioxide
Extinguishing media not to be used for safety reasons	water
Special hazards during fire fighting	Danger of bursting. Fight fires from a safe distance due to explosion hazard. Vapors are heavier than air and will spread on the ground.
Hazardous combustion products	Emits toxic fumes under fire conditions.
Special fire-fighting procedures	Use self-contained breathing apparatus and full protective clothing to prevent contact with skin and eyes. Cool endangered containers with water spray jet. Fire residues and contaminated firefighting waters must be disposed of in accordance with local regulations.

06 ACCIDENTAL RELEASE MEASURES

Spill and leak procedures	Ensure adequate ventilation. Wear appropriate personal protective equipment. Keep away sources of ignition. Pick up using inert absorbents (e.g. sand, clay, acid binder, general-purpose binder, sawdust) and place into suitable containers for disposal.
Pollution control measures	Do not allow untreated product into sewers, surface or ground water.

07 HANDLING AND STORAGE

Handling	Use only in well ventilated area with local exhaust ventilation.
-----------------	--



Printed

03.12.2012

Revision

03.12.2012 (Can) Version 4.1

Metal-Fluid-Spray

07 HANDLING AND STORAGE

Keep away from heat and ignition sources. Do not smoke. Do not spray into flames or any burning material. Do not pierce or burn even after use. Vapors can form an explosive mixture with air. Heating may cause the container to burst violently.

Storage

Keep container tightly closed and store in cool, dry, well ventilated area away from heat. Observe precautions for storage of compressed gas cylinders and flammable material storage. Do not store with combustible materials. Protect from heat and direct solar radiation. Storage temperature may not exceed 50 °C (122°F).

08 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:

Component	CAS#	Exposure limits
Butane	106-97-8	1000 ppm TWA ACGIH

Skin protection

Use protective clothing to prevent skin contact. Wear butyl rubber gloves; 0.7mm; 480 min.; 60 min.

Eye protection

Use of safety glasses with side shields is recommended.

Respiratory protection

Use NIOSH approved respirator in the event of insufficient ventilation and aerosol or mist formation.

General Protection and Hygiene measures

Do not inhale gases/vapors/aerosols. Do not eat, drink, smoke or take drugs when working. Wash hands/or face before taking breaks and at the end of work.

09 PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Pressurized gas	Physical form	Aerosol
Color	Colorless	Odor	characteristic
Auto-ignition	>250 °C		
Lower explosion limit	0.6 Vol.%		
Vapor pressure	3.5 bar at 20 °C		
Density	0.75 g/ml, 20 °C		
Solubility in water	miscible		
Explosive properties	The product is considered non-explosive; nevertheless explosive vapor/air mixtures can be generated.		

10 STABILITY AND REACTIVITY

Chemical stability

Stable; no decomposition if used as directed.



10 STABILITY AND REACTIVITY

Hazardous decomposition products

Carbon monoxide and carbon dioxide.

Polymerization

None

Incompatibilities

Keep away from heat. Avoid formation of explosive gas/air mixtures.

11 TOXICOLOGICAL INFORMATION

General experience

Inhalation of vapors causes narcotic effect/intoxication.

12 ECOLOGICAL INFORMATION

AOX

The product contains no organically bound halogen within the formulation.

Additional information

Do not discharge product into the environment. Do not release into the aquatic environment.

13 DISPOSAL CONSIDERATIONS

Product disposal

Dispose in accordance with federal, state or local regulations. Empty packaging can be disposed via recyclable waste collectors.

General information

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

14 TRANSPORT INFORMATION

TDG / DOT shipping name

AEROSOLS, flammable, Class 2.1, UN 1950

Marine transport IMDG

AEROSOLS, flammable, Class 2.1, UN 1950

Air transport ICAO/IATA

AEROSOLS, flammable, Class 2.1, UN 1950 (flammable)

15 REGULATORY INFORMATION

Note: Entries under Section 15 cover only those regulations typically addressed in the MSDS generating process, such as TSCA and EPCRA/SARA Title III.

USA TSCA status

All of the components are on the TSCA Inventory.

Canadian DSL status

All of the components are listed on the DSL Inventory.

SARA Title III

To the best of our knowledge, this product contains no toxic chemicals subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 372.

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information by CPR.



Printed

03.12.2012

Revision

03.12.2012 (Can) Version 4.1

Metal-Fluid-Spray

16 OTHER INFORMATION**Further information**

Federal and local chemical regulations should be observed.

WHMIS HAZCOM Label

EXTREMELY FLAMMABLE. CONTENTS UNDER PRESSURE.

To the best of our knowledge, the information contained in this MSDS is accurate. It is intended to assist the user in his evaluation of the product's hazards, and safety precautions to be taken in its use. The data on this MSDS relate only to the specific material designated herein. We do not assume any liability for the use of, or reliance on this information, nor do we guarantee its accuracy or completeness.