

MATERIAL SAFETY DATA SHEET

Product DPI SMF -02

Page 1 of 4

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: SMF -02

OTHER/GENERIC NAMES: None

PRODUCT USE: Solvent and oil -free, cutting and metal working fluid

MANUFACTURER: DPI Derma Protect and Innovation, GmbH
Siemensstrasse 6
D-88048 Friedrichshafen
Germany

DISTRIBUTOR: RPM Technology, LLC
P.O. Box 33186
Reno, NV 89533-3186

INFORMATION CALL: 775-473-8706
(Monday-Friday, 9:00am - 4:30pm Pacific)

IN CASE OF EMERGENCY CALL:
(24 Hours/Day, 7 Days/Week)

800-424-9300
(CHEMTREC)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS	Weight
2-Amino-ethanol	205-483-3	1 - <5%

3. HAZARDS IDENTIFICATION

No particular hazards known. This preparation is not classified as a dangerous product.

4. FIRST AID MEASURES

General information: Remove contaminated clothing.

Inhalation: Inhale fresh air. Seek medical attention in case of complaints.

Skin contact: The product usually does not irritate the skin.

Eye contact: Flush several minutes under running water with lids held open. If irritation persists, seek medical attention.

Ingestion: Rinse mouth and drink plenty of water. Do not induce vomiting. Seek medical attention immediately.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: The product itself is non- flammable. Use extinguishing media suitable for surrounding materials.

Special protective equipment: Use self-contained breathing apparatus.

Extinguishing media: No extinguishing media required, the product is non-flammable.

Issue Date: 01/2010

Status: Final Revised

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Ensure adequate ventilation. Danger of skidding from leaked/spilled product.

Environmental precautions

Prevent escaped material from spreading (e.g. containment or oil block). Do not allow the product to reach the sewer/surface water/groundwater.

Cleaning/collecting procedure

Absorb mechanically (pump) and/or with liquid-binding material (sand, silica gel, acid binder, universal binder, sawdust). Dispose of any recovered material in accordance with appropriate government regulations.

Additional information

No hazardous substances are released

7. HANDLING AND STORAGE

Handling

Information for safe handling:

Only use in well-ventilated areas.

Information on protection against explosions and fire:

No special measures required.

Storage

Requirements for storage rooms and containers:

Store in original container.

Information on storage compatibility:

Do not store with oxidants.

Further information on storage conditions

Keep containers tightly sealed in a well-ventilated area.

Storage classes

Inflammatory liquids class : not applicable

Handling precautions

No technical precautions needed

Storage

Do not freeze.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Additional information on system design:

Make sure the workplace is adequately ventilated.

Ingredients with occupational exposure limits to be monitored

Additional information

Ingredient	Exposure limit	General information
2-amino-ethanol	MAC: 2ppm* MAC: 5.1mg/m ³ *	(H,Y,DFG)

* = maximum work place concentration

Personal protective equipment

Respiratory protection: Breathing apparatus in case of high concentrations. Filter device, Filter A, for short-term exposure

Hand protection: Suitable protective gloves: butyl rubber, >120 min (EN374)

Eye protection: Safety glasses or goggles

Body protection: Not applicable
General protective measures: Avoid contact with eyes and skin.
Hygiene measures: Wash hands before breaks and at the end of the work shift. Use barrier skin cream.
Limit and control of environmental exposure: Unspecified.
Eye protection: Wear eye protection if there is a possibility of direct contact or splashing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: fluid
Density: 1.2 g/ml
Melting Point: -5 °C
pH in solution: 9-9.5
pH concentrate: 9.5-10
Product color: transparent
Odor: specific
Explosion limits: not explosive
Flash point: not flammable
Mol. weight: --
Ignition temp.: not flammable
Solubility in water: 100% water soluble
Vapor pressure: --

10. STABILITY AND REACTIVITY

Hazardous reactions: Reacts with strong oxidants.
Hazardous decomposition products: No hazardous decomposition products known.
Stability / conditions to avoid: Normally stable

11. TOXICOLOGICAL INFORMATION

No toxicological data are available. No classification on the basis of the calculation procedure provided in the "General Classification Guideline for EU Preparations". The product is considered to be of low toxicity and it is not absorbed by the skin.

12. DISPOSAL CONSIDERATIONS

Disposal/Product : For recycling, consult manufacturer.
Waste code : 120199 (recommended)
Disposal/contaminated packaging : Uncontaminated packaging can be recycled.
Packaging that cannot be cleaned should be disposed of as for product.
Recommended cleansing agent Water, adding detergent if necessary.

13. TRANSPORT INFORMATION

Road transport: Not classified as Dangerous goods
Sea transport: Not classified as Dangerous goods
Air transport: Not classified as Dangerous goods

14. REGULATORY INFORMATION**Labeling, hazard symbols**

The product does not require a hazard warning label in accordance with EC directives.

Customs tariff: 3403 9990 (Lubricating preparations . . . , Other)

15. DOCUMENTARY INFORMATION

Issue Date: 01/2010

Previous Issue Date: 10/2007

16. DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

The information presented in this Material Safety Data Sheet is based on data believed to be accurate as of the date it was prepared. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THE INFORMATION PROVIDED ABOVE, THE RESULTS TO BE OBTAINED FROM THE USE OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT, OR THE HAZARDS RELATED TO ITS USE. No responsibility is assumed for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices. The information provided above, and the product, are furnished on the condition that the person receiving them shall make their own determination as to the suitability of the product for their particular purpose and on the condition that they assume the risk of their use. In addition, no authorization is given nor implied to practice any patented invention without a license.