

# MATERIAL SAFETY DATA SHEET

## Torsion-Spray

**70-05**

**Important** : For more information please consult original material safety data sheet

### Summary

**Synonym :**  
Torsions-Spray

a b D

**Reference :** 70-05



### 1 Product informations

#### Manufacturer

METAFLUX AG  
Industriestrasse 11, CH-4313  
Mohlin,  
Suisse  
Phone: +41618510800 Fax: +41618510808  
Emergency:  
Internet:

#### WHMIS Key people

#### Supplier

AMETA inc  
3556 Boul des Entreprises  
Terrebonne, Québec  
Canada J6X 4J8  
Phone: 450-477-3102 Fax: 450-477-3102  
Emergency:  
Internet: www.ametasolution.com

#### WHMIS Key people

### 5 Chemical reactivity

#### Chemical stability

Stable

#### Reactivity conditions

Keep away from heat, ignition sources, sparks, open flame

#### Incompatibilities

oxidizing agents  
Chemicals products  
Extreme heat  
Sparks, flame, fire

#### Decomposition products

Oxides of carbon  
Explosives compounds  
Gases Hazardous to health

#### Flash info

A,B2,B3,D2B,

#### Emergency telephone directory

Canutec 613-996-6666  
Urgence 911

### 2 Hazardous ingredients

CAS Number	Ingredient	%	LD50	Species	Way	LC50	Species	Way
67-63-0	Isopropyl alcohol	<40						
64742-49-0	Naphta, hydrotreated light	<25						
64742-81-0	Kerosene hydrodesulfurized	<20						
8002-09-3	Pine oil	<10						

### 3 Physical properties

#### Physical state

Liquid

#### Density

Water : Not available  
Air : Not available

#### Odor

Characteristic

#### Odor threshold

Not available

#### V.O.C.

Not available

**pH** Not available

#### Vapor pressure

3.8 -4.8 bar mmHg

#### Water-Oil distribution

Not available

#### Point

**Melting** : Not available

**Boiling** : -48bis - -1 °C

#### Evaporation rate

Not available

### 4 Fire and explosion risk

#### Flash point

-13 °C

#### Flash point method

Not available

#### Explosive limits

**Lower** : Not available

**Upper** : Not available

#### Auto-ignition

Not available

#### Mechanical impact sensibility

No

#### Electrostatic sensibility

Not available

#### Extinguishing method

CO2

Foam

Dry chemical powder

#### Combustion products

Oxides of carbon

Gases Hazardous to health

Explosive compounds

Danger of explosion by

### 6 Toxicological properties

#### Absorption ways

Skin

Inhalation

Ingestion

Eyes

#### Carcerogenic

Not established

#### Teratogenic

Not established

#### Mutagenic

Not established

#### Synergic products

Not available

#### Exposure limit

Not available

#### Irritating property

Yes

#### Effect(s) of exposure to eyes

Acute: Irritation, Harmful

Chronic: Irritation, Toxic

#### Effect(s) of exposure to skin

Acute: Irritation

Chronic: Irritation, Sensitizing

#### Effect(s) of exposure by ingestion

Acute: Toxic, Harmful, Lung Damage

Chronic: Toxic/Harmful, may cause lung damage

#### Effect(s) of exposure by inhalation

Acute: Harmful

Chronic: Dizziness, Headache, Vertigo, Harmful

#### Additional informations

More informations on original MSDS

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### 7 Preventive measures

#### Action to take in case of leak and spill

Keep away from heat, sparks, open flame and ignition sources

Avoid creating and inhaling dust or fume

Use appropriate protection gear / ventilate area

#### Hazardous waste disposal

Avoid spillage of the product in the environment

According to the local directives.

Observe all federal, provincial and municipal regulations

#### Handling and storage

Keep away from ignition sources, excess heat and open flames

Store in a dry, cool and ventilated place

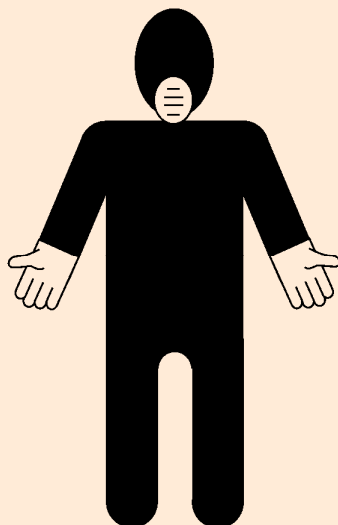
Store away from light and sun

#### Special informations

After handling, always wash hands with soap and water

This product must be used according to internal regulations

Avoid creation and inhalation of dust, mist or vapors



U EL  
y GNi  
NR VF

#### Eye protection

EL Spectacles with side shields

#### Skin protection

GNi Nitrile gloves

#### Respiratory protection

NR Normally not required

#### Cartridge type

Not applicable

VF See msds for details

#### Collective protection

Do not smoke

#### Other protection

Not applicable

Do not Eat

General and local exhaust ventilation

#### Transport dangerous goods

**U.N. Number** 1950  
**Shipping name** Torsions-Spray

**Classification** 5F 2.1 2.1 2.1  
**Packing group**

### 8 First aid

#### Eyes

Flush with water for 20 minutes

If irritation persist, seek medical attention

#### Skin

Wash with water and soap

If irritation persist, seek medical attention

Removed and wash contaminated clothing

#### Ingestion

Do not induce vomiting

Seek medical attention or contact a Poison Centre immediately

#### Inhalation

Remove the person to fresh air

If problem develops or persists, seek medical attention

#### Other

A quick response is essential. Call a physician immediately

If needed, see emergency telephone number directory

### 9 Informations

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#### Telephone

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#### Original MSDS date

19 janvier 2011

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20 décembre 2007

#### Revision date

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