

# MATERIAL SAFETY DATA SHEET

## Arti-Spray

**70-07**

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

### Summary

#### 1 Product informations

##### Manufacturer

Techno Service Gmbh  
Detmolder Strasse 515  
Bielefeld,  
Allemagne D-33605  
Phone: ++4952192444-0 Fax:  
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

**Synonym :**  
Open Gear With Titanium

**Reference :** 70-07

a b D



#### 5 Chemical reactivity

##### Chemical stability

Stable

##### Reactivity conditions

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

##### Incompatibilities

None

##### Decomposition products

None

##### Flash info

A,B1,B2,D2A

##### Emergency telephone directory

Canutec 613-996-6666  
Urgence 911

#### 2 Hazardous ingredients

CAS Number	Ingredient	%	LD50	Species	Way	LC50	Species	Way
106-97-8	n-Butane	<50						
74-98-6	Propane	<25						
64742-49-0	Naphta, hydrotreated light	<10						
75-28-5	Isobutane	<10						
110-54-3	Normal hexane	<2,5						
1643-20-5	Lauryldimethylamine oxide							

#### 3 Physical properties

##### Physical state

Liquid

##### Density

Water : .685-Lighter than water  
Air : Heavier than air

##### Odor

Characteristic

##### Odor threshold

Not available

##### V.O.C.

Not available

**pH** Not applicable

##### Vapor pressure

3-5 bar / 20C mmHg

##### Water-Oil distribution

Not available

##### Point

**Melting :** Not available

**Boiling :** -44 °C

##### Evaporation rate

Not available

#### 4 Fire and explosion risk

##### Flash point

Not applicable

##### Flash point method

Not applicable

##### Explosive limits

Lower : 1.5 %

Upper : 10.9 %

##### Auto-ignition

250 °C

##### Mechanical impact sensibility

No

##### Electrostatic sensibility

No

##### Extinguishing method

Foam

CO2

Water jet

##### Combustion products

Gases Hazardous to health

#### 6 Toxicological properties

##### Absorption ways

Skin

Inhalation

Ingestion

Eyes

##### Cancerogenic

Not available

##### Teratogenic

Suspected

##### Mutagenic

Not available

##### Synergic products

Not available

##### Exposure limit

Not available

##### Irritating property

Yes

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

Acute: Irritation

Chronic: Irritation

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

Acute: Irritation

Chronic: Irritation

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

Acute: Harmful

Chronic: Toxic/Harmful

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

Acute: Dizziness , Nausea

Chronic: Vertigo, Dizziness, Harmful, Dammmages

##### 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

Use appropriate protection gear / ventilate area

Stop leak or spillage if possible without personal risk

#### Hazardous waste disposal

Avoid spillage of the product in the environment

According to the local directives.

#### Handling and storage

Store in a dry, cool and ventilated place

Store away from light and sun

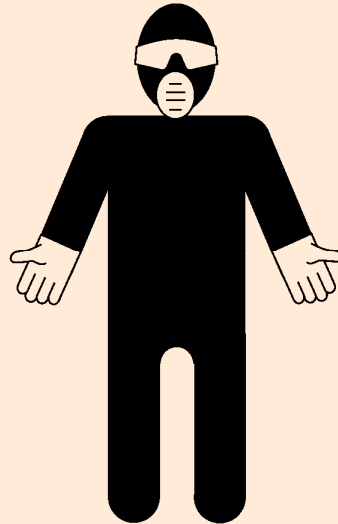
Use in a well ventilation room

#### Special informations

Avoid creation and inhalation of dust, mist or vapors

After handling, always wash hands with soap and water

Use only with individual protection gear



v LS

U G

y NR

#### Eye protection

LS Safety glasses

#### Skin protection

G Adequate impervious gloves

#### Respiratory protection

NR Normally not required

#### Cartridge type

Not applicable

#### 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** Open Gear With Titanium

**Classification** **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

#### Ingestion

Seek medical attention or contact a Poison Centre immediately

Do not induce vomiting

#### 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

07 janvier 2011

#### Summary creation date

07 mars 2008

#### Revision date

07 juillet 2011