

# MATERIAL SAFETY DATA SHEET

## Nettoyant Acier

**70-32**

**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 :**

Nettoyant Acier

a b e

**Reference :** 70-32

#### 5 Chemical reactivity

##### Chemical stability

Stable

##### Reactivity conditions

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

##### Incompatibilities

Extreme heat  
Sparks, flame, fire  
Ignition and heat sources

##### Decomposition products

None

**Flash info**

A, B1, B3, E

#### 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	<25						
64741-65-7	Petroleum heavy alkylate	<25						
74-98-6	Propane	<10						
9002-92-0	Poly(oxyethylene) lauryl ether	<2,5						
77-92-9	Citric acid	<2,5						
75-28-5	Isobutane	<2,5						

#### 3 Physical properties

##### Physical state

Liquid

##### Density

Water : 0.895-Lighter than  
Air : Not available

##### Odor

Mild

##### Odor threshold

Not available

##### V.O.C.

Not available

pH Not available

##### Vapor pressure

2.5 - 4,0 bar mmHg

##### Water-Oil distribution

Not available

##### Point

Melting : Not established

Boiling : &gt;100 °C

##### Evaporation rate

Not available

#### 4 Fire and explosion risk

##### Flash point

Not available

##### Flash point method

Not available

##### Explosive limits

Lower : 1.5 %

Upper : 8.5 %

##### Auto-ignition

Not available

##### Mechanical impact sensibility

No

##### Electrostatic sensibility

No

##### Extinguishing method

Foam

Water spray / Fog

CO2

##### Combustion products

None

#### 6 Toxicological properties

##### Absorption ways

Skin

Inhalation

Ingestion

Eyes

##### Cancerogenic

No

##### Teratogenic

No

##### Mutagenic

No

##### Synergic products

Not available

##### Exposure limit

Not available

##### Irritating property

Yes

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

Acute: Irritation

Chronic: Irritation, Serious Damage

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

Acute: Irritation

Chronic: Irritation, Dryness/Cracking

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

Acute: Harmful, Irritation

Chronic: Harmful, Irritation

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

Acute: Harmful, Irritation

Chronic: Harmful, Irritation

##### Additional informations

More informations on original MSDS

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## Summary

### 7 Preventive measures

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

Absorb with an appropriate inert material and place into a container

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

Use appropriate protection gear / ventilate area

#### Hazardous waste disposal

Avoid spillage of the product in the environment

Observe all federal, provincial and municipal regulations

According to the local directives.

#### Handling and storage

Keep away from ignition sources, excess heat and open flames

Store in a dry, cool and ventilated place

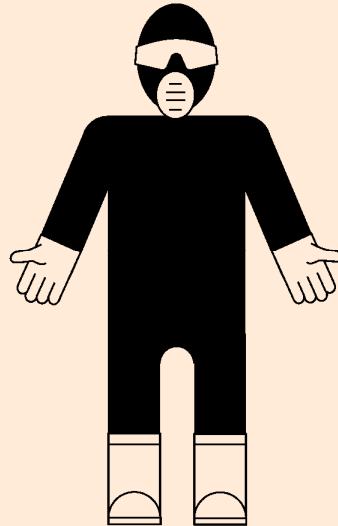
Store away from light and sun

#### Special informations

After handling, always wash hands with soap and water

Avoid direct contacts with product

Avoid creation and inhalation of dust, mist or vapors



S SS

V LS

U GNi

y NR

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#### Eye protection

LS Safety glasses

#### Skin protection

GNi Nitrile gloves

#### Respiratory protection

NR Normally not required

#### Cartridge type

Not applicable

#### Collective protection

Do not smoke

#### Other protection

SS Safety boots and shoes

Do not Eat

General and local exhaust ventilation

#### Transport dangerous goods

U.N. Number Shipping name  
1950

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

Move victim to a dust free environment

#### 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

Refer to original MSDS for more informations

If needed, see emergency telephone number directory

If product is ingested, show product's label to physician

### 9 Informations

#### Prepared by

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#### Telephone

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#### Original MSDS date

09 juin 2008

#### Summary creation date

14 décembre 2009

#### Revision date

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