

ACECUT NT

Version: 2.0

Revision Date 26.02.2015

Print Date 05.05.2015

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name : ACECUT NT

1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the Sub-
stance/Mixture : glass cutting fluid
Recommended restrictions : None known.
on use

1.3 Details of the supplier of the safety data sheet

Company : CHEMETALL AUSTRALASIA PTY LTD
17 TURBO DRIVE
3153 BAYSWATER VIC
Contact person : Technical Manager
Telephone : 03 9792 6253 (BUSINESS HOURS)
Telefax : 03 9720 1711

E-mail address : customer.service@chemetall.com

1.4 Emergency telephone number

Emergency telephone : 03 9720 0370 (AFTER HOURS)
number

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Acute toxicity, Category 4	H332: Harmful if inhaled.
Skin irritation, Category 2	H315: Causes skin irritation.
Aspiration hazard, Category 1	H304: May be fatal if swallowed and enters airways.
Chronic aquatic toxicity, Category 2	H411: Toxic to aquatic life with long lasting effects.

Classification (67/548/EEC, 1999/45/EC)

Harmful	R65: Harmful: may cause lung damage if swallowed.
	R20: Harmful by inhalation.
Irritant	R38: Irritating to skin.
Dangerous for the environment	R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2 Label elements

ACECUT NT

Version: 2.0

Revision Date 26.02.2015

Print Date 05.05.2015

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Danger

Hazard statements : H304 May be fatal if swallowed and enters air-ways.
H315 Causes skin irritation.
H332 Harmful if inhaled.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**
P260 Do not breathe vapours, aerosols.
P262 Do not get in eyes, on skin, or on clothing.
P273 Avoid release to the environment.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:
P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P308 IF exposed or concerned:
P310 Immediately call a POISON CENTER or doctor/ physician.

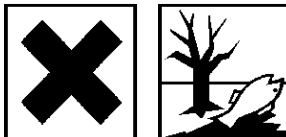
Disposal:
P501 Dispose of contents/ container to an approved waste disposal plant.

Hazardous components which must be listed on the label:

- 64742-46-7 Distillates (petroleum), hydrotreated middle; Gasoil - unspecified

Labelling according to EC Directives (1999/45/EC)

Hazard pictograms :



Harmful

Dangerous
for the envi-
ronment

R-phrases) : R20 Harmful by inhalation.
R38 Irritating to skin.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

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ACECUT NT

Version: 2.0

Revision Date 26.02.2015

Print Date 05.05.2015

	R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
	R65	Harmful: may cause lung damage if swallowed.
S-phrases(s)	: S23 S24/25 S36/37/39	Do not breathe vapours, aerosols. Avoid contact with skin and eyes. Wear suitable protective clothing, gloves and eye/face protection.
	S60	This material and its container must be disposed of as hazardous waste.
	S61	Avoid release to the environment. Refer to special instructions/ Safety data sheets.
	S62	If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Hazardous components which must be listed on the label:

- 64742-46-7 Distillates (petroleum), hydrotreated middle; Gasoil - unspecified

2.3 Other hazards

The information required is contained in this Material Safety Data Sheet.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Chemical nature : Mixture of organic solvents containing surfactants.

Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (67/548/EEC)	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
Distillates (petroleum), hydrotreated middle; Gasoil - unspecified	64742-46-7 265-148-2 01-2119489867-12	Xn; R65-R20 N; R51/53 Xi; R38	Acute Tox. 4; H332 Skin Irrit. 2; H315 Asp. Tox. 1; H304 Aquatic Chronic 2; H411	>= 80 - <= 100

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

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ACECUT NT

Version: 2.0

Revision Date 26.02.2015

Print Date 05.05.2015

For the full text of the R-phrases mentioned in this Section, see Section 16.
For the full text of the H-Statements mentioned in this Section, see Section 16.
For the full text of the Notes mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : First-aid crew: Ensure self-protection.
Move out of dangerous area.
Take off contaminated clothing and shoes immediately.
- If inhaled : Move to fresh air.
If symptoms persist, call a physician.
- In case of skin contact : Wash off with soap and plenty of water.
If symptoms persist, call a physician.
- In case of eye contact : Rinse immediately with plenty of water, also under the eyelids.
Call a physician immediately.
- If swallowed : Rinse mouth with water.
Do NOT induce vomiting.
Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

- Symptoms : No information available.
- Risks : May be fatal if swallowed and enters airways.
Causes skin irritation.
Harmful if inhaled.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : Treat symptomatically.
For specialist advice physicians should contact the Poisons Information Service.

SECTION 5: Firefighting measures

5.1 Extinguishing media

- Suitable extinguishing media : Carbon dioxide (CO₂)
Dry powder
Alcohol-resistant foam
Water spray

- Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

ACECUT NT

Version: 2.0

Revision Date 26.02.2015

Print Date 05.05.2015

Specific hazards during fire-fighting : May form toxic gases on heating or in case of fire.
Carbon monoxide
Carbon dioxide (CO₂)

5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
Further information : Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Wear personal protective equipment.

6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.
Avoid subsoil penetration.
Inform the relevant authorities if it enters sewers, aquatic environment or soil.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Ensure adequate ventilation.
Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections

See chapter 8 and 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : Provide sufficient air exchange and/or exhaust in work rooms.
Have eye wash bottle or eye rinse ready at the work place.
To avoid risks to man and the environment, comply with the instructions for use.

Advice on protection against fire and explosion : Keep away from open flames, hot surfaces and sources of ignition.
Normal measures for preventive fire protection.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep containers tightly closed in a dry, cool and well-ventilated place.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

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ACECUT NT

Version: 2.0

Revision Date 26.02.2015

Print Date 05.05.2015

Store in a place accessible by authorized persons only.
To maintain product quality, do not store in heat or direct sunlight.

Storage period : > 12 month

Storage temperature : 5 - 40 °C

7.3 Specific end use(s)

Specific use(s) : glass cutting fluid

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Engineering measures

Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

Respiratory protection : In case of insufficient ventilation wear suitable respiratory equipment.
Recommended Filter type:
A-P2

Hand protection : Nitrile rubber
butyl-rubber
Protective gloves complying with EN 374.
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

Eye protection : Eye protection (EN 166)
Tightly fitting safety goggles

Skin and body protection : Chemical resistant protective clothing according to DIN EN 13034 (Type 6)

Hygiene measures : Take off contaminated clothing and shoes immediately.
Keep away from food, drink and animal feedingstuffs.
Wash hands before breaks and immediately after handling the product.
Avoid contact with skin and eyes.

ACECUT NT

Version: 2.0

Revision Date 26.02.2015

Print Date 05.05.2015

Do not breathe vapour.

Do not breathe spray.

Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system.
Avoid subsoil penetration.
Inform the relevant authorities if it enters sewers, aquatic environment or soil.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : liquid

Colour : light yellow

Odour : hydrocarbon-like

Flash point : > 90 °C
Method: ISO 2719

Auto-ignition temperature : > 320 °C

pH : Not applicable

Boiling point/boiling range : > 200 °C

Vapour pressure : <0.1 hPa
at 20 °C

Density : ca.0.87 g/cm³
at 20 °C
Method: DIN 51757

Water solubility : emulsifiable

Viscosity, dynamic : 5.5 mPa*s
at 20 °C
Method: DIN 54453

Viscosity, kinematic : ca.6 mm²/S
at 20 °C

ACECUT NT

Version: 2.0

Revision Date 26.02.2015

Print Date 05.05.2015

9.2 Other information

Explosivity : Vapours may form explosive mixture with air.

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions : Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Keep away from open flames, hot surfaces and sources of ignition.
Strong sunlight for prolonged periods.

10.5 Incompatible materials

Materials to avoid : Oxidizing agents

10.6 Hazardous decomposition products

Risk of decomposition. : No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity

Distillates (petroleum), hydrotreated middle; Gasoil - unspecified : LD50: > 5,000 mg/kg
Species: Rat

Acute inhalation toxicity

: Acute toxicity estimate: 11.73 mg/l vapour
Exposure time: 4 h
Method: Calculation method

Acute inhalation toxicity

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

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ACECUT NT

Version: 2.0

Revision Date 26.02.2015

Print Date 05.05.2015

Distillates (petroleum), hydrotreated middle; Gasoil - unspecified : LC50/inhalation/4h/rat.: > 2,000 mg/l

Acute dermal toxicity
Distillates (petroleum), hydrotreated middle; Gasoil - unspecified : LD50: > 2,000 mg/kg
Species: Rabbit

Skin corrosion/irritation

Skin irritation : Causes skin irritation.

Serious eye damage/eye irritation

Eye irritation : May cause eye irritation with susceptible persons.

Respiratory or skin sensitisation

Sensitisation : No data available

Aspiration hazard

Aspiration toxicity : May be fatal if swallowed and enters airways.

Toxicology Assessment

Acute effects : Harmful if inhaled.

SECTION 12: Ecological information

12.1 Toxicity

Ecotoxicology studies for the product are not available.

12.2 Persistence and degradability

Biodegradability : The surfactants contained in this preparation comply with the biodegradability criteria as laid down in Regulation (EC) No.907/2006 on detergents.

12.3 Bioaccumulative potential

Bioaccumulation : Bioaccumulation is unlikely.

12.4 Mobility in soil

Distribution among environ- : No data available

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

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ACECUT NT

Version: 2.0

Revision Date 26.02.2015

Print Date 05.05.2015

mental compartments

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

Additional ecological information	: water endangering Toxic to aquatic life with long lasting effects. Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration. Even leakage of small amounts in the subsoil can contaminate drinking water.
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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	: Dispose of in accordance with local regulations.
Contaminated packaging	: Dispose of as unused product.
Waste Code	: Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

SECTION 14: Transport information

ADR

UN number	: 3082
UN proper shipping name	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Distillates (petroleum), hydrotreated middle; Gasoil - unspecified
Transport hazard class(es)	: 9
Packing group	: III
Classification Code	: M6
Hazard Identification Number	: 90
Limited Quantity (LQ) Inner Packaging	: 5.00 L
Maximum quantity	: 30.00 KG
Labels	: 9
Tunnel restriction code	: (E)
Environmentally hazardous	: yes

IATA

UN number	: 3082
Description of the goods	: Environmentally hazardous substance, liquid, n.o.s. Distillates (petroleum), hydrotreated middle; Gasoil - unspecified
Class	: 9

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Chemetall
expect more⁺

ACECUT NT

Version: 2.0

Revision Date 26.02.2015

Print Date 05.05.2015

Packing group : III
Labels : 9

IATA_C

Packing instruction (cargo aircraft) : 964
Packing instruction (LQ) : Y964
Maximum quantity : 450.00 L
Environmentally hazardous : yes

IATA_P

Packing instruction (passenger aircraft) : 964
Packing instruction (LQ) : Y964
Maximum quantity : 450.00 L
Environmentally hazardous : yes

IMDG

UN number : 3082
Description of the goods : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Distillates (petroleum), hydrotreated middle; Gasoil - unspecified
Class : 9
Packing group : III
Labels : 9
EmS Number 1 : F-A
EmS Number 2 : S-F
Limited Quantity (LQ) Inner Packaging : 5.00 L
Marine pollutant : no

"IMDG-Code segregation group not applicable".

"IMDG-Code segregation group not applicable".

RID

UN number : 3082
Description of the goods : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Distillates (petroleum), hydrotreated middle; Gasoil - unspecified
Transport hazard class(es) : 9
Packing group : III
Classification Code : M6
Hazard Identification Number : 90
Labels : 9
Limited Quantity (LQ) Inner Packaging : 5.00 L
Maximum quantity : 30.00 KG

ACECUT NT

Version: 2.0

Revision Date 26.02.2015

Print Date 05.05.2015

Environmentally hazardous : yes

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59) : This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).

Water contaminating class (Germany) : WGK 2 water endangering
VWVWS A4

Other regulations : The product is classified and labelled in accordance with EC directives or respective national laws. Regional or national implementations of GHS may not implement all hazard classes and categories.

15.2 Chemical Safety Assessment

For a mixture it is not mandatory to include an exposure scenario in the material safety data sheet. The necessary safety - related information is stated in the first 16 sections.

SECTION 16: Other information

Full text of R-phrases referred to under sections 2 and 3

R20 Harmful by inhalation.
R38 Irritating to skin.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.

Full text of H-Statements referred to under sections 2 and 3.

H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H332 Harmful if inhaled.
H411 Toxic to aquatic life with long lasting effects.

Further information

| This data sheet contains changes from the previous version in section(s): 3

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

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ACECUT NT

Version: 2.0

Revision Date 26.02.2015

Print Date 05.05.2015

| This data sheet contains changes from the previous version in section(s): 14

The information provided is based on our current knowledge and experience and apply to the product as delivered. Regarding the product properties, these are not guaranteed. The delivery of this safety datasheet does not free the recipient of the product from his own responsibility to follow the relevant rules and regulations concerning this product.