Safety Data Sheet
ACC 1110

Safety Data Sheet dated 19/10/2011, version 1
In compliance with Regulation (EC) 453/2010

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Mixture identification:

Trade name: ACC 1110

Product type: Activated viscose paint stripper

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

Recommended use:

Coatings and paints, thinners, paint removers

Uses advised against:

Not available

1.3 Details of the supplier of the safety data sheet

Supplier:

AirChem Consumables, LOB 10, Office # 10F14, JAFZA, Dubai, UAE

Tel: +971-4-881 8084, Fax: +971-4-881 6022, Email: airacc@acc.ae

Competent person responsible for the safety data sheet:

airacc@acc.ae

1.4. Emergency telephone number

AirChem Consumables, Tel: +971-4-881 8084, Fax: +971-4-881 6022, Email: airacc@acc.ae

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Directive criteria, 67/548/CE, 99/45/EC and following amendments thereof:

Properties / Symbols:

Xn Harmful

Xi Irritant

R Phrases:

R22 Harmful if swallowed.

R36/38 Irritating to eyes and skin.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Adverse physicochemical, human health and environmental effects:

The product is harmful following acute exposure to it and poses a serious health threat if ingested.

If brought into contact with the eyes, the product causes irritation that may last for over 24 hours, and if brought into contact with the skin it causes significant inflammation with erythema, scabs, and oedema.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2. Label elements

Directive criteria, 67/548/CE, 99/45/EC and following amendments thereof:

Symbols:

Xn Harmful

R Phrases:

R22 Harmful if swallowed.

R36/38 Irritating to eyes and skin.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S Phrases:

S25 Avoid contact with eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37 Wear suitable protective clothing and gloves.

S60 This material and its container must be disposed of as hazardous waste.

Contents:

benzothiazole-2-thiol: May produce an allergic reaction.

2.3. Other hazards

This product contains no substances meeting the criteria for PBT or vPvB in accordance with Annex XIII of REACH

Other Hazards:

No other hazards

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable

3.2. Mixtures

Hazardous components within the meaning of EEC directive 67/548, Regulation (EC) No. 1272/2008, components with workplace exposure and corresponding classification:

10% - 30% benzyl alcohol

REACH No.: 01-2119492630-38-XXXX CAS: 100-51-6 EC: 202-859-9

Xn,Xi; R20/22-36

3.1/4/Oral Acute Tox. 4 H302


3.3/2 Eye Irrit. 2 H319


3.1/4/Inhal Acute Tox. 4 H332

1% - 10% formic acid
N. CEE: 607-001-00-0 CAS: 64-18-6 EC: 200-579-1
C; R35


3.2/1A Skin Corr. 1A H314

1% - 10% Benzyl formate
CAS: 104-57-4
Xn; R22

1% - 5% Aromatic hydrocarbon
REACH No.: 01-21194635588-24-XXXX CAS: 64742-94-5 EC: 265-198-5
Xn,N; R66-67-40-51/53-65


3.10/1 Asp. Tox. 1 H304


3.6/2 Carc. 2 H351


3.8/3 STOT SE 3 H336


4.1/C2 Aquatic Chronic 2 H411

0.1% - 1% benzothiazole-2-thiol
N. CEE: 613-108-00-3 CAS: 149-30-4 EC: 205-736-8
Xi,N; R43-50/53


3.4.2/1 Skin Sens. 1 H317


4.1/A1 Aquatic Acute 1 H400


4.1/C1 Aquatic Chronic 1 H410

0.1% - 0.5% naphthalene
N. CEE: 601-052-00-2 CAS: 91-20-3 EC: 202-049-5
Carc. Cat. 3,Xn,N; R22-40-50/53


3.6/2 Carc. 2 H351


4.1/A1 Aquatic Acute 1 H400


4.1/C1 Aquatic Chronic 1 H410


3.1/4/Oral Acute Tox. 4 H302

For the complete text of the hazard and risk phrases refer to paragraph 16

4. FIRST AID MEASURES

4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.
Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.
Wash thoroughly the body (shower or bath).
Remove contaminated clothing immediatley and dispose off safely.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an opthalmologist immediately.
Protect uninjured eye.

In case of Ingestion:

Do NOT induce vomiting.
Give nothing to eat or drink.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.
If breathing is irregular or stopped, administer artificial respiration.
In case of inhalation, consult a doctor immediately and show him packing or label.
After contact with skin, wash immediately with soap and plenty of water.

4.2. Most important symptoms and effects, both acute and delayed

None

4.3. Indication of any immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
Treatment:
None

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media:
Water.
Carbon dioxide (CO2).
Extinguishing media which must not be used for safety reasons:
None in particular.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.
Burning produces heavy smoke.

5.3. Advice for firefighters

Use suitable breathing apparatus .
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Move undamaged containers from immediate hazard area if it can be done safely.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.
Remove persons to safety.
See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
Retain contaminated washing water and dispose it.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhaltion of vapours and mists.
Don't use empty container before they have been cleaned.
Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
Contamined clothing should be changed before entering eating areas.
Do not eat or drink while working.
See also section 8 for recomened protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.
Incompatible materials:
None in particular.
Instructions as regards storage premises:
Adequately ventilated premises.

7.3. Specific end use(s)

Sverniciatore a basso odore acido - viscoso senza clorurati
For more information see Technical date bulletin

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Contained substances

Benzyl alcohol - REACH: 01-2119492630-38-XXXX, CAS: 100-51-6, EC No: 202-859-9
OEL Type: EU LTE ppm: 10 Behaviour: Binding
TLV-TWA - TLV-STEL- VLE 8h- VLE short: None

formic acid - Index: 607-001-00-0, CAS: 64-18-6, EC No: 200-579-1
VLE 8h: 9 mg/m3 - 5 ppm
TLV-TWA: 5 ppm - 9,41 mg/m3 (ACGIH)
TLV-STEL: 10 ppm - 18,82 mg/m3 (ACGIH)

Benzyl formate - Index: NA, CAS: 104-57-4, EC No: NA
TLV-TWA - TLV-STEL- VLE 8h- VLE short: None

Aromatic hydrocarbon - REACH: 01-21194635588-24-XXXX, CAS: 64742-94-5, EC No: 265-198-5
OEL Type: EU LTE mg/m3: 50 LTE ppm: 10 STE ppm: 15 Behaviour: Binding
TLV-TWA: 100 mg/m3, 17 ppm (mixture of solvents) (ACGIH)

benzothiazole-2-thiol - Index: 613-108-00-3, CAS: 149-30-4, EC No: 205-736-8
TLV-TWA - TLV-STEL- VLE 8h- VLE short: None

naphthalene - Index: 601-052-00-2, CAS: 91-20-3, EC No: 202-049-5
TLV-TWA: 10 ppm, A4 - 52,43 mg/m3, A4 S (ACGIH)
TLV-STEL: 15 ppm, A4 - 78,64 mg/m3, A4 S (ACGIH)

8.2. Exposure controls

Eye protection:
Use close fitting safety goggles, don't use eye lens.
Protection for skin:
Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:
Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.
Respiratory protection:
Not needed for normal use.
Thermal Hazards:
None
Environmental exposure controls:
None

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance and colour:	off-white viscous liquid
Odour:	typical
Odour threshold:	
pH:	2.5 - 3.5 (solution 10%)
Melting point / freezing point:	n.av. °C
Initial boiling point and boiling range:	initial 100 °C
Solid/gas flammability:	na
Upper/lower flammability or explosive limits:	na % v/v
Vapour density:	< 1 (air=1)
Flash point:	none °C
Evaporation rate:	n.av.
Vapour pressure:	1.4 kPa
Relative density:	1.01 g/ml
Solubility in water:	partial
Lipid solubility:	n.av.
Partition coefficient (n-octanol/water):	n.av.
Auto-ignition temperature:	none °C
Decomposition temperature:	n.av.
Viscosity:	10000 mPa.s
Explosive properties:	none
Oxidizing properties:	none

9.2 Other information

Miscibility:	partial in water
Fat Solubility:	n.av.
Conductivity:	n.av.
Substance Groups relevant properties:	n.av.

10. STABILITY AND REACTIVITY

10.1. Reactivity
Stable under normal conditions
10.2. Chemical stability
Stable under normal conditions
10.3. Possibility of hazardous reactions
It may generate flammable gases on contact with elementary metals (alkalis and alkaline earth), nitrides, and powerful reducing agents.
It may catch fire on contact with oxidising mineral acids, elementary metals (alkalis and alkaline earth), nitrides, organic peroxides and hydroperoxides, oxidising agents, and reducing agents.
10.4. Conditions to avoid
Stable under normal conditions.
10.5. Incompatible materials
None in particular.
10.6. Hazardous decomposition products
None.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects
There is no toxicological data available on the mixture. Consider the individual concentration of each component to assess toxicological effects resulting from exposure to the mixture.
Toxicological information on main components of the mixture:
Benzyl alcohol - REACH: 01-2119492630-38-XXXX, CAS: 100-51-6, EC No: 202-859-9
Test: LD50 Route: Oral Species: Rat = 1230 mg/kg
Test: LD50 Route: Skin Species: Rabbit > 2000 mg/kg
Test: LC50 Route: Inhalation Species: Rat = 1000 Ppm Duration: 8h
Test: LC50 Route: Inhalation Species: Rat > 4178 mg/l Duration: 4h
Aromatic hydrocarbon - REACH: 01-21194635588-24-XXXX, CAS: 64742-94-5, EC No: 265-198-5
Test: LD50 Route: Oral Species: Rat > 5000 mg/kg
Test: LD50 Route: Skin Species: Rabbit > 2000 mg/kg
Test: LC50 Route: Inhalation Species: Rat > 4688 mg/m3
naphthalene - Index: 601-052-00-2, CAS: 91-20-3, EC No: 202-049-5
Test: LD50 Route: Oral Species: Rat = 490 mg/kg
formic acid - Index: 607-001-00-0, CAS: 64-18-6, EC No: 200-579-1
LD50 oral (rat) : 730 mg/kg

LC50 inhal (rat): 7,4 mg/l (4h)
Benzyl formate- Index: N.A., CAS: 104-57-4, EC No: N.A.
LD50 (RABBIT) SKIN: 2000 MG/KG
benzothiazole-2-thiol - Index: 613-108-00-3, CAS: 149-30-4, EC No: 205-736-8
LD50 ORAL (rat): 2000 mg/kg
LD50 Skin (rabbit): 2000 mg/kg

12. ECOLOGICAL INFORMATION

12.1. Toxicity

Based on the information available it is not expected that this product may cause any adverse environmental effect when use instructions and disposal recommendations are followed.
Adopt good working practices, so that the product is not released into the environment.
List of environmental dangerous substances and theri classification:
Aromatic hydrocarbon
REACH No.: 01-21194635588-24-XXXX CAS: 64742-94-5 EC: 265-198-5
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Benzothiazole-2-thiol
N. CEE: 613-108-00-3 CAS: 149-30-4 EC: 205-736-8
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Naphthalene
N. CEE: 601-052-00-2 CAS: 91-20-3 EC: 202-049-5
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Benzyl alcohol - REACH: 01-2119492630-38-XXXX, CAS: 100-51-6, EC No: 202-859-9
Test: LC50 Species: Fish Duration h: 96 mg/l: 10
Test: EC50 Species: Daphnia Duration h: 48 mg/l: 360
Aromatic hydrocarbon - REACH: 01-21194635588-24-XXXX, CAS: 64742-94-5, EC No: 265-198-5
Test: LC50 Species: Fish Duration h: 96 mg/l: 2
Test: EC50 Species: Daphnia Duration h: 48 mg/l: 3

MIXTURE: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

n.a.

12.6. Other adverse effects

n.a.

13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Product and its residue:
Do not dispose in the canals of wastewater, waterways and soil.
The codes indicating the type of waste are considered based on the recommendations and scheduled use of this product.
Different codes may be assigned bused on the end user's use and the characteristics of the disposal.
Waste code CER/EWC (2000/532/CE), attributable to the product as:
08 01 19 *
H5
Any remaining product should be disposed of with the material.
Containers/contaminated packaging
Containers, even completely empty, must not be disposed in the environment. The packigings which can not be cleaned should be disposed of as the material.

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

SECTION 14: Transport information

14.1. UN number

ADR-UN number:	Not applicable
IATA-Un number:	3334
IMDG-Un number:	N.A.

14.2 UN proper shipping name:

ADR- proper shipping name:
NOT SUBJECT TO ADR

IATA-Technical name:	Aviation regulated liquid, n.o.s. (benzyl alcohol)
IMDG-Technical name:	Not dangerous goods

14.3 Transport hazard class(es):

ADR-IMDG Class:	N.A.
IATA-Label:	9

14.4 Packing Group:

n.a.

14.5 Environmental hazards

Environmental Pollutant:

No

14.6 Special Precautions for User

N.A.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

It's not expected to transport in bulk

15. REGULATORY INFORMATION

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

1999/13/EC (VOC directive)

Volatile Organic compounds - VOCs = 33 %
Volatile Organic compounds - VOCs = 332 g/l
Volatile CMR substances = 0.00 %
Halogenated VOCs which are assigned the risk phrase R40 = 3.70 %
Organic Carbon - C = 0.18

15.2 Chemical Safety Assessment

No

16. OTHER INFORMATION

Full text of phrases referred to in Section 3:

R20/22 Harmful by inhalation and if swallowed.
R22 Harmful if swallowed.
R35 Causes severe burns.
R36 Irritating to eyes.
R40 Limited evidence of a carcinogenic effect.
R43 May cause sensitization by skin contact.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65 Harmful: may cause lung damage if swallowed.
R66 Repeated exposure may cause skin dryness or cracking.
R67 Vapours may cause drowsiness and dizziness.
H302 Harmful if swallowed.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H314 Causes severe skin burns and eye damage.
H304 May be fatal if swallowed and enters airways.
H351 Suspected of causing cancer.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.
H317 May cause an allergic skin reaction.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

This safety data sheet has been completely updated in compliance to Regulation 453/2010/EU.
This MSDS cancels and replaces any preceding release.
Where applicable, refer to the following regulatory provisions :

Council Directive 67/548/EEC (Classification, packaging and labelling of dangerous substances) and subsequent amendments; Regulation (EC) n°1272/2008; Regulation (EC) N. 790/2009 (annex VI), Regulation (EC) n. 1907/2006 (REACH).
Commmission Directive 1999/45/EC (Classification, packaging and labelling of dangerous preparation) and subsequent amendments; Commmission Directive n. 2006/8/CE.
Regulation (EC) nr 648/2004 and CE N. 907/2006 (Detergents).
Directive 2003/105/EC ('Activities linked to risks of serious accidents') and subsequent amendments.
Directive 91/271/EEC and 91/676/CEE (protection of waters) and subsequent amendments.
Directive 75/324/EEC (aerosols) and subsequent amendments. Directive 76/768/CEE (cosmetic products) and subsequent amendments.
Directive 76/769/EEC (restrictions on the marketing and use of certain dangerous substances and preparations) and subsequent amendments. Regulation (EC) N. 304/2003 and subsequent amendments. Directive 98/8/CE (placing of biocidal products on the market) and subsequent amendments.
Directives 91/156/CEE, 91/689/CEE, 94/62/CE (Disposal of waste) and subsequent amendments.
The European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), current edition.
regulations IATA/ICAO = Dangerous Goods Regulations by air, current edition.
RID = Regulations concerning the International Carriage of Dangerous Goods by Rail, current edition.
IMDG Code = International Maritime Dangerous Goods Code produced by the International Maritime Organization (IMO), current edition.

Main bibliographic sources:

The ISS National Inventory of Chemical Substances (INSC)
ESIS: European chemical Substances Information System and Environmental hazard classification.
Occupational exposure limit values (Commission Directives 2000/39/EC and 2006/15/CE)
ACGIH - TLV's for 2010
NIOSH - Registry of toxic effects of chemical substances (1983)
Material Safety Data Sheets of chemicals, REACH database
Material Safety Data Sheet and Technical Data of raw material as by Supplier

Abbreviations and acronyms:

TLV-TWA = Threshold Limit Value- time-weighed average, 8-hour workday, 40-hour workweek; TLV-STEL-15 min = Threshold Limit Values - Short Term Exposure Limit; TLV-C = Ceiling exposure limit; Notes: IBE= Biological Exposure Indices; SEN= sensitizer; Skin= Can be absorbed through the skin. Carcinogenicity categories: A1 / A2 = confirmed / suspected human carcinogen; A3 = Animal carcinogen; A4 / A5 = Not Classificable/not suspected as a human carcinogen. ACGIH = American Conference on Governmental Industrial Hygienists. OEL =Occupational Exposure Limit. LTE =long term exposure, STE=short term exposure. n.av.= Not Available, n.a. = not applicable; LD50=lethal dose (solids and liquids), LC50=lethal concentration (gases) that will kill 50% of the test animals; ADR= European Agreement concerning the International Carriage of Dangerous Goods by Road. Regulations IATA/ICAO = Dangerous Goods Regulations by air, current edition.
RID = Regulations concerning the International Carriage of Dangerous Goods by Rail, current edition. IMDG Code = International Maritime Dangerous Goods Code produced by the International Maritime Organization (IMO), current edition.
PBT = Persistent, Bioaccumulative and Toxic substances. ; vPvB = very Persistent and very Bioaccumulative substances; CMR = Carcinogenic, mutagenic or reproduction toxic substances.

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.
It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.