

Product: **airo Acryl-Fiiller 3 : 1**

Date of issue: 05.12.1995 Replaces data sheet of: 05.12.1995

01. Identification of the substance/ preparation and of the company

Trade name: **airo Acryl-Fuller 3 : I**
 Company: **AIRO CHEMIE A. SCHMIEMANN GmbH & CO. KG**
 Carl- Leverkus-StrafSe 27
 D-40764 Langenfeld
 Phone: 0 21 73-85 38-0
 Telefax: 0 21 73- 85 38-60/70
 Emergency phone: 0 21 73-85 38-0

02. Composition / Information on ingredients

Dangerous substance	CAS-Nr.	Range [%]	Symbol R-phrases (pure basic material)	
xyiene, mixture of isomers	1330-20-7	12.5 -< 20%	Xn	R10-20/21-38
aromatic hydrocarbons	64742-95-6	? 0.5%	-	R10
n-butyl acetate	123-86-4	>_ 0.5%	-	R10

03. Hazards identification

R10: Flammable.
 R20121: Harmful by inhalation and in contact with skin.
 R38: Irritating to skin.

04. First aid measures

04.01. First aid measures | general information

Change soaked clothing

04.02. First aid measures | inhalation

Remove the casualty into fresh air and keep him calm.
 In the event of symptoms refer for medical treatment.

04.03. First aid measures | skin contact

In case of contact with skin wash off immediately with soap and water
 Consult a doctor if skin irritation persists.

04.04. First aid measures / eye contact

In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice

04.05. First aid measures | ingestion

Rinse out mouth and give plenty of water to drink.
 Do not induce vomiting.
 Summon a doctor immediately.

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04. First aid measures

04.06.01. Advice to doctor / symptoms

04.06.02. Advice to doctor | hazards

04.06.03. Advice to doctor | treatment

Treat symptomatically.

If swallowed or in the event of vomiting, risk of product entering the lungs.

05. Fire-fighting measures

05.01. Suitable extinguishing media

water spray jet
carbon dioxide
dry powder
foam

05.02. Extinguishing media that must not be used for safety reasons

Full water jet

05.03. Special exposure hazards arising from the substance or preparation itself, combustion products

Risk of formation of toxic pyrolysis products

05.04. Special protective equipment for firefighters

Use breathing apparatus.

Wear full protective suit.

05.05. Additional informations

Cool containers at risk with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

06. Accidental release measures

06.01. personal precautions

Use breathing apparatus if exposed to vapours/dust/aerosol.

Ensure adequate ventilation

Keep away sources of ignition.

06.02. environmental precautions

Do not discharge into the drains/surface waters/groundwater.

06.03. methods for cleaning up/taking up

Take up with absorbent material (e.g. general-purpose binder, sand, silica gel).

Send in suitable containers for recovery or disposal.

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07. Handling and storage

07.01.01. Advice on safe handling

Avoid formation of aerosols.
 Use only in well-ventilated areas.
 Provide good room ventilation even at ground level (vapours are heavier than air).
 Use solvent-resistant equipment.

07.01.02. Advice on protection against fire and explosion

Vapours can form an explosive mixture with air.
 Risk of explosion if the liquid enters the drains.
 Ignitable mixtures can form in the empty container.
 Keep away from sources of ignition

07.02.01. Requirements for storage rooms and vessels

Keep only in original container.
 Provide solvent-resistant and impermeable floor.

07.02.02. Advice on storage compatibility

Do not store together with animal feedstuffs.
 Do not store together with food.
 Do not store together with oxidizing agents.

07.02.03. Further information on storage conditions

Keep container in a well-ventilated place
 Keep container tightly closed
 Keep in a cool place, heat causes increase in pressure and risk of bursting.

08. Exposure controls / personal protection

Additional advice on system design

Exposure limits

Substance:	CAS-Nr.:	Value:
xylene, mixture of isomers	1330-20-7	MAK: 100ppm, H, BAT
aromatic hydrocarbons	64742-95-6	MAK: 50 ppm(TRGS404) 1995
n-butyl acetate	123-86-4	MAK: 200 ppm 1995

08.03.01. Respiratory protection

Breathing apparatus in the event of high concentrations.
 Short term: filter apparatus, Filter A

08.03.02. Hand protection

Gloves (solvent-resistant)

08.03.03. Eye protection

Protective goggles

08.03.04. Skin protection

Solvent-resistant protective clothing

08.03.05.01. General protective measures

Avoid contact with eyes and skin
 Do not inhale vapours

08.03.05.02. Hygiene measures

At work do not eat, drink, smoke or take drugs.
 Wash hands before breaks and after work.
 Clean skin thoroughly after work, apply skin cream.
 Use barrier skin cream.

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09. Physical and chemical properties

Form	liquid
Colour	brown
Odour	solvent-like
pH-value	not applicable
Melting point	not determined
Boiling range	>_ +126.5°C (n-butyl acetate)
Flash point	> + 25°C (n-butyl acetate, xylene)
Ignition point	? + 370°C (n-butyl acetate)
Lower explosion limit (vol %/a)	0.7 (Shellsol A)
Upper explosion limit (vol-%)	8.0 (Shellsol A)
Vapour pressure (20°C)	6.7 - 9.3 hPa (xylene) / 13.3 hPa (n-butyl acetate)
Density (20°C)	1,497 g/cm³
Solubility in water	not determined
Partition coefficient: n-octanol/water	-
Viscosity	-

10. Stability and reactivity

10.01. Hazardous reactions
 Reactions with strong oxidising agents.
 Evolution of ignitable vapour-air mixtures possible if stored in large containers and above room temperature.

Uncleaned empty vessels may contain product gases which can form explosive mixtures with air.

10.02. Hazardous decomposition products
 Flammable gases/vapours

11. Toxicological information

Dimension		Species	Value:
Acute oral toxicity	LD50	rat	
Acute dermal toxicity	LD50	rabbit	-
Acute inhalational toxicity	LC50	rat	-
Irritant effect on skin			
Irritant effect on eye			
Sensitization			
Subacute toxicity			
Chronic toxicity			
Subchronic toxicity			
Mutagenicity			
Reproduction toxicity			
Carcinogenicity			

11.03.02. Experiences made in practice
 not applicable

11.03.03. General remarks
 No toxicological data are available.
 The product was classified on the basis of the calculation procedure of the preparation directive (88/379/EEC).

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12. Ecological information

Physico chemical eliminability
Biological degradability
 Biological eliminability
Degradability according to law of wash and cleansing agent **(WRMG)**
 not applicable

Behaviour in environment compartments

Fish toxicity
 Daphnia toxicity
Algae toxicity
Bacteria toxicity
 Behaviour in sewage plant
 not applicable

Chemical oxygen demand (COD)
 Biochemical oxygen demand (BOD5)
AOX-advice
 not applicable

Contains following heavy metals and **compounds of 76/464/EWG**
 not applicable
 General information
 Ecological data are not available

13. Disposal considerations

Disposal | product
 For recycling, consult manufacturer
 Dispose of as hazardous waste.

Disposal | contaminated packaging
 Packaging that cannot be cleaned should be disposed of as for product

14. Transport information

Land transport ADR/RID

Class/Division/Group: 3 31. c)
UN-No.: 1263
Description: paint related material

Inland waterways transport / remarks

Marine transport / IMDG-Code

Class: 3.3
UN-Nr.: 1263
Packing group III
EmS: 3-05
MFAG: 310,313
Marine pollutant: p
Proper shipping name paint related material

Air transport / ICAO / IATA-DGR

Class: 3
UN- / ID-Nr.: 1263
Packing group III
Proper shipping name paint related material

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15. Regulatory information

15.01.01. Labelling

The product is classified and labelled in accordance with EC directives/German regulations on dangerous substances.

Hazard symbols

Xn Harmful

contains:

xylene, mixture of isomers

15.01.03. R phrases

R10: Flammable.

R20/21: Harmful by inhalation and in contact with skin.

R38: Irritating to skin.

15.01.04. S phrases

S2: Keep out of the reach of children.

S16: Keep away from sources of ignition --- No smoking.

S23.3: Do not breathe vapour.

S25: Avoid contact with eyes.

S36/37: Wear suitable protective clothing and gloves.

S46: If swallowed, seek medical advice immediately and show this container or label.

15.01.05. Special labelling for certain preparations

15.01.06. National regulations (german only)

Restriction of occupation

ja

Decree for case of interference

ja

Classification according to VbF

VbF A II

TA-Luft

3.1.7

Water hazard class

WGK 2

Water hazard class / source

Selbsteinstufung

Waste code no. | name of waste

555 10

Lackierereiabfalle, nicht ausgehertet

15.02.06. Other regulations, restrictions and prohibition regulations

16. Other informations

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