

SAFETY DATA SHEET
according to 1907/2006/EC, Article 31

Page 1/7

CLEARWINNER AM-AC MP

Revision 3



Revision date 2013-07-04

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

1.1. Product identifier	
Product name	CLEARWINNER AM-AC MP
Product code	QAFS671
1.3. Details of the supplier of the safety data sheet	
Company	Clearwinner Innovation Ltd
Address	Tadcaster North Yorkshire LS24 9AL

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture	
2.1.1. Classification - 1999/45/EC	Xn; R20/21/22-65 Xi; R36/37/38 N; R51/53 R10-44-66 Symbols: Xn: Harmful. N: Dangerous for the environment.
Main hazards	Flammable. Harmful by inhalation, in contact with skin and if swallowed. Irritating to eyes, respiratory system and skin. Risk of explosion if heated under confinement. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Harmful: may cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking.

2.2. Label elements	
Symbols	Xn: Harmful. N: Dangerous for the environment.  
Risk phrases	R10 - Flammable. R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed. R36/37/38 - Irritating to eyes, respiratory system and skin. R44 - Risk of explosion if heated under confinement. 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.
Safety phrases	S2 - Keep out of the reach of children. S24/25 - Avoid contact with skin and eyes. S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 - After contact with skin, wash immediately with plenty of water. S29 - Do not empty into drains. S36/37 - Wear suitable protective clothing and gloves. S62 - If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

CLEARWINNER AM-AC MP

Revision 3

Revision date 2013-07-04

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Ethylene glycol monobutyl ether (2-Butoxyethanol)	603-014-00-0	111-76-2	203-905-0		40 - 50%	Xn; R20/21/22 Xi; R36/38
o-xylene	601-022-00-9	95-47-6	202-422-2		0.5 - 1%	R10 Xn; R20/21 Xi; R38
Propriety Solvent blend/Naptha/Cumene/Mesitylene/Pseudocumene/Xylenes					30 - 40%	Xn; R65 Xi; R37 N; R51/53 R10-66-67
dimethylcyclohexylamine		98-94-2	202-715-5		0 - 0.5%	C; R34 Xn; R20/21/22 N; R51/53 R10
Solvent naphtha (petroleum), heavy arom.; Kerosine - unspecified	649-424-00-3	64742-94-5	265-198-5		1 - 10%	Xn; R65
POLYOLEFIN					0.5 - 1%	Xn; R20
2-ETHYLHEXYL NITRATE		24247-96-7	248-363-6		1 - 10%	Xn; R20/21 N; R51/53 R44
N,N-Disalicylidene-1,2-propanedia mine		94-91-7	202-374-2		0 - 0.5%	Xn; R22 Xi; R36/38-43 R52/53
Naphtha Inno light		64742-95-6	265-199-0		0 - 0.5%	Xn; R65 N; R51/53 R10-66
4-nonylphenol, branched	601-053-00-8	84852-15-3	284-325-5		0 - 0.5%	Repr. Cat. 3; R62-63 Xn; R22 C; R34 N; R50/53
1,2,4-trimethylbenzene	601-043-00-3	95-63-6	202-436-9		0 - 0.5%	R10 Xn; R20 Xi; R36/37/38 N; R51/53
naphthalene (Naphtalene)	601-052-00-2	91-20-3	202-049-5		0 - 0.5%	Carc. Cat. 3; R40 Xn; R22 N; R50/53

Further information

Product Shelf Life	RECOMMENDED SHELF LIFE 1 YEAR FROM DATE OF DELIVERY.
--------------------	--

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. Seek medical attention.
Eye contact	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention. Risk of serious damage to eyes.
Skin contact	Irritating to skin. Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist.
Ingestion	If swallowed, seek medical advice immediately and show this container or label. DO NOT INDUCE VOMITING.

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

Inhalation	No Data Available.
Eye contact	No Data Available.
Skin contact	No Data Available.
Ingestion	No Data Available.

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

	If you feel unwell, seek medical advice (show the label where possible). Never give anything by mouth to an unconscious person. Remove the affected person from the source of contamination immediately.
--	--

General information

	If you feel unwell, seek medical advice (show the label where possible). Wash all contaminated clothing before reuse.
--	---

SECTION 5: Firefighting measures

5.1. Extinguishing media

CLEARWINNER AM-AC MP

Revision 3

Revision date 2013-07-04

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions. USE foam,dry chemical, CO2 or water spray to extinguish fire.
--	---

5.2. Special hazards arising from the substance or mixture

	Cool fire- exposed surfaces with water spray. Fumes, smoke, carbon dioxide (CO2), and carbon monoxide (CO).
--	---

5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
--	---

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

	Ensure adequate ventilation of the working area. Wear suitable protective equipment. Eliminate all sources of ignition.
--	---

6.2. Environmental precautions

	Advise local authorities if large spills cannot be contained. Do not allow product to enter drains. Do not discharge into drains or rivers.
--	---

6.3. Methods and material for containment and cleaning up

	<p>Water Spill: Eliminate sources of ignition and request other shipping to stay clear. Notify port or relevant authority and keep public away. Shut of source if possible to do so without hazard. Confine if possible.</p> <p>Remove from surface by skimming or with suitable absorbants. If allowed by local authorities and environmental agencies sinking and/or suitable dispersants may be used in non-confined waters. Consult an expert on disposal of any recovered material and ensure conformity to local disposal regulations. Land spill: Eliminate sources of ignition. Prevent liquid from entering sewers, watercourses or low areas.</p> <p>Keep public away. Shut of source if possible to do so without hazard. Advise police if substance has entered a watercourse or sewer or has contaminated soil or vegetation. Take measures to minimise the effect on the ground water.</p> <p>Contain spilled liquid with sand or earth.</p> <p>Recover by pumping (use an explosion proof or hand pump) or with a suitable absorbent. If the liquid is too viscous for pumping, scrape up with shovels or pails and place in suitable containers for recycle or disposal.</p> <p>Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.</p>
--	--

SECTION 7: Handling and storage**7.1. Precautions for safe handling**

	Wear suitable protective equipment. Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Where prolonged or repeated exposure is likely PROTECTIVE CLOTHING should be worn including impervious gloves and eye protection. Follow the principles of good occupational hygiene to control personal exposure. Keep away from sources of ignition - No smoking. Keep in tightly closed, clearly labelled containers. No Smoking. Naked flames, hot elements or other ignition sources must not be present. The material should be handled under good house keeping practices. Wash hands after handling. Avoid contact with drinking water and food stuffs.
--	---

7.2. Conditions for safe storage, including any incompatibilities

	Keep out of the reach of children. Store in correctly labelled containers. Store in original container. Keep containers tightly closed.
--	---

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****8.1.1. Exposure Limit Values**

CLEARWINNER AM-AC MP


Revision 3

Revision date 2013-07-04

8.1.1. Exposure Limit Values

1,2,4-trimethylbenzene	DIR: 2000/39 8hTWA mg/m3: 100 STEL mg/m3: -	8hTWA ppm: 20 STEL ppm: - NOT: -
Ethylene glycol monobutyl ether (2-Butoxyethanol)	WEL 8-hr limit ppm: 25 WEL 15 min limit ppm: 50	WEL 8-hr limit mg/m3: - WEL 15 min limit mg/m3: -
naphthalene (Naphtalene)	DIR: 91/322 8hTWA mg/m3: 50 STEL mg/m3: -	8hTWA ppm: 10 STEL ppm: - NOT: -
o-xylene	DIR: 2000/39 8hTWA mg/m3: 221 STEL mg/m3: 442	8hTWA ppm: 50 STEL ppm: 100 NOT: Skin

8.2. Exposure controls

	
8.2.2. Individual protection measures	Avoid contact with eyes and skin. Wash all contaminated clothing before reuse. Adopt best Manual Handling considerations when handling, carrying and dispensing.
Eye / face protection	Avoid contact with eyes. Provide eye wash station. Approved safety goggles.
Skin protection - Handprotection	Chemical resistant gloves (plastic).
Respiratory protection	Do not breathe gas/fumes/vapour/spray. In case of insufficient ventilation, wear suitable respiratory equipment. In case of mist or spray exposure wear suitable personal respiratory protection and protective suit.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Liquid
Colour	Clear
Odour	Aromatic
Boiling point	181
Flash point	50
Evaporation rate	0.150
Vapour pressure	0.2 kPa at 20C to 1.3 kPa at 50C
Relative density	.9

SECTION 10: Stability and reactivity

10.2. Chemical stability

	Normally stable. Avoid: Heat, sparks , flames.
--	--

10.3. Possibility of hazardous reactions

	Strong oxidising agents.
--	--------------------------

10.4. Conditions to avoid

	Heat, sparks and open flames. Sources of Ignition.
--	--

10.6. Hazardous decomposition products

	Material does not decompose at ambient temperatures.
--	--

SECTION 11: Toxicological information

11.1. Information on toxicological effects

CLEARWINNER AM-AC MP

Revision 3

Revision date 2013-07-04

11.1. Information on toxicological effects

Acute toxicity	Inhalation: Vapour concentrations above recommended exposure levels are irritating to the eyes and respiratory tract, may cause headaches and dizziness, are anaesthetic and may have other central nervous system effects. Skin: Low order of toxicity LD50>3160mg/kg Frequent or prolonged contact may irritate and cause dermatitis. Eye: Irritating to eyes. Ingestion: Small amounts of liquid aspirated into respiratory system during ingestion or from vomiting may cause bronchopneumonia or pulmonary oedema. Low order of toxicity LD50> 3000mg/kg.
Skin corrosion/irritation	May cause irritation to skin.
Repeated or prolonged exposure	Prolonged or repeated exposure may cause irritation to skin and mucous membranes.

SECTION 12: Ecological information

12.1. Toxicity

	May cause long-term adverse effects in the aquatic environment. This product contains substances which are toxic to aquatic organisms.
--	--

12.2. Persistence and degradability

	Expected to be "readily" biodegradable. Expected to degrade rapidly in air.
--	--

12.4. Mobility in soil

	Highly volatile, will partition rapidly to air. Not expected to partition to sediment and waste water solids.
--	--

Further information

	This product is classified as a Volatile Organic Compound, according to the Directive 99/13/EC.
--	---


SECTION 13: Disposal considerations

General information

	This product is not suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. This product is ashless and can be burned directly in appropriate equipment.
--	--

SECTION 14: Transport information

Hazard pictograms

	
--	---

14.1. UN number

	UN1268
--	--------

14.2. UN proper shipping name

	PETROLEUM DISTILLATES. N.O.S.
--	-------------------------------

14.3. Transport hazard class(es)

ADR/RID	3
Subsidiary risk	-
IMDG	3
Subsidiary risk	-
IATA	3
Subsidiary risk	-

14.4. Packing group

Packing group	III
---------------	-----

CLEARWINNER AM-AC MP

Revision 3

Revision date 2013-07-04

14.5. Environmental hazards

Environmental hazards	No
Marine pollutant	No

ADR/RID

Hazard ID	30
Tunnel Category	(D/E)

IMDG

EmS Code	F-E S-E
----------	---------

IATA

Packing Instruction (Cargo)	366
Maximum quantity	220 L
Packing Instruction (Passenger)	355
Maximum quantity	60 L

SECTION 15: Regulatory information

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

Regulations	COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
-------------	--

SECTION 16: Other information

Other information

Text of risk phrases in Section 3	<p>R10 - Flammable</p> <p>R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.</p> <p>R20/21 - Harmful by inhalation and in contact with skin.</p> <p>R20 - Harmful by inhalation.</p> <p>R22 - Harmful if swallowed.</p> <p>R34 - Causes burns.</p> <p>R36/37/38 - Irritating to eyes, respiratory system and skin.</p> <p>R36/38 - Irritating to eyes and skin.</p> <p>R37 - Irritating to respiratory system.</p> <p>R38 - Irritating to skin.</p> <p>R40 - Limited evidence of a carcinogenic effect.</p> <p>R43 - May cause sensitisation by skin contact.</p> <p>R44 - Risk of explosion if heated under confinement.</p> <p>R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p> <p>R62 - Possible risk of impaired fertility.</p> <p>R63 - Possible risk of harm to the unborn child.</p> <p>R65 - Harmful: may cause lung damage if swallowed.</p> <p>R66 - Repeated exposure may cause skin dryness or cracking.</p>
-----------------------------------	--

CLEARWINNER AM-AC MP

Revision 3

Revision date 2013-07-04

Other information

	R67 - Vapours may cause drowsiness and dizziness.
--	---

Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
--	--