

ASTRON CHEMICAL CORPORATION LTD

Material Safety Data Sheet

Product Name: **Astrofog**
Effective Date: 2nd February 2013

149 Smart Road, RD2
PO Box 7060
New Plymouth
NEW ZEALAND
Ph 067579853
Mobile 0274313123

1. INGREDIENTS (%W/W)

Alkalates <90% Primary alcohol ethoxylate > 10%

2. PHYSICAL DATA

BOILING POINT	:180 ^o	SOLUBILITY IN WATER : Miscible
MELTING POINT	: Not Appl.	SPECIFIC GRAVITY : 0.850-.875
VAPOUR PRESSURE	: Not Appl.	MOLECULAR WEIGHT:
APPEARANCE	: Clear liquid	

3. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT	120 - 160 ^o C
METHOD USED	Pensky-Martens
UPPER FLAMMABLE LIMITS	
LOWER FLAMMABLE LIMITS	
EXTINGUISHING MEDIA	Water spray, foam, CO ₂ , Dry Powder
SPECIAL FIRE FIGHTING PRECAUTIONS	

Non flammable. Addition of water may cause excessive foaming. Self contained breathing apparatus recommended. Do not allow contaminated run off to enter drains.

4. REACTIVITY HAZARDS

STABILITY (normal conditions)	Stable
HAZARDOUS POLYMERISATION	Will not happen
CONDITIONS TO AVOID	-
MATERIALS TO AVOID	-
HAZARDOUS DECOMPOSITION PRODUCTS	-

5. SPILL OR LEAK PROCEDURES

SMALL SPILL	- Can be flushed with large amounts of water or mop up with absorbent clay shovel into recovery vessel and dispose in approved landfill.
LARGE SPILL	- Dyke and pump as much as possible. Mop up remainder with absorbent clay, shovel into recovery vessel and dispose in approved landfill. Flush area with hose. Avoid public waterways.

6. WASTE DISPOSAL

Bury in a landfill, approved by regulatory authorities and away from water courses.

7. ENVIRONMENTAL HAZARDS AND PRECAUTIONS

Prohibitions – do not contaminate water, food or feed by storage or disposal. Open dumping should not be considered. Do not re-use container.

8. HEALTH HAZARDS AND FIRST AID

INGESTION	No evidence of harmful effects from available information.
EYE CONTACT	May cause slight eye irritation. Corneal injury is unlikely.
SKIN	Single prolonged exposure is not likely to result in the material being absorbed through the skin in harmful amounts.
INHALATION	Single prolonged inhalation exposure is not likely to cause adverse effects. Mists are not likely to be hazardous.

NOTES TO PHYSICIAN: Toxicology studies have shown this or similar material to be of very low acute toxicity and not irritating. There is no specific antidote. Treatment for overexposure should be directed at the control of symptoms and the clinical condition of the patient.

9. HANDLING PRECAUTIONS AND THE PROTECTIVE EQUIPMENT

VENTILATION	Good ventilation considered adequate for normal handling.
RESPIRATORY PROTECTION	No special precautions required for normal handling.
PROTECTIVE CLOTHING	Clean body-covering clothing, gloves.
EYE PROTECTECTION	Eye shield or side-shield safety glasses.
OTHER	Eye fountain and washing facilities in or near work area.

10. STORAGE AND TRANSPORTATION PRECAUTIONS

Store only in properly labelled containers. Keep containers closed when not in use. Recommended shelf life is one year.

The information herein is given in good faith but no warranty, express or implied, is made