SAFETY DATA SHEET

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: **CITRA SOLV**
Synonyms: Flammable Liquid N.O.S.

Use: Degreasing and cleaning surfaces

Manufacturer: Advance Chemicals
ABN: 61 005 625 025
Street Address: 4 – 8 Malton Court Altona, 3018
Telephone Number: (03) 9398 4444

Distributor: Axi- Kem Pty Ltd
ABN: 71 002 968 345
Street Address: 54 Yambil Street GRIFFITH NSW 2680
Telephone Number: (02) 6962 6455

Emergency Telephone: Ted Powell (03) 9398 4444 (Business Hours)
0425 800 022 (After Hours)

2. HAZARDS IDENTIFICATION

Classified as hazardous according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 7th Revised Edition.

Hazard Classification: HAZARDOUS SUBSTANCE, DANGEROUS GOODS.

Classification of the substance or mixture:
Flammable Liquid – Category 2

SIGNAL WORD: DANGER



Hazard Statement(s):
H225 – Highly flammable liquid and vapour.

Precautionary Statement(s):

Prevention:
P102 Keep out of reach of children.
P103 Read label before use.
P104 Read Safety Data Sheet before use.
P210 – Keep away from ignition sources – No smoking.
P233 – Keep container tightly closed.
P240 – Ground/Bond container and receiving equipment
P241 – use explosion – proof equipment when handling this product.
P242 – Use only non-sparking tool.
P243 – Take precautionary measures against static discharge.
P280 - Wear protective gloves/eye protection/ face protection.

Response:
P301 + P361 +P353 – IF ON SKIN (or hair): remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P370 + P378 – In case of fire use alcohol resistant foam, Dry Chemical, CO_2 or water fog.

Storage:
P405 – Store in a well-ventilated place. Keep cool.

Disposal:
P501: Dispose of contents/container in accordance with local waste management authority.

Poison Schedule (Australia): N/A

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	C.A.S. No.	Proportion	
Ethanol	64-17-5	30 – 60 %	H225
Orange Oil	-	30 – 60%	
Glycols	-	< 10 %	
Emulsifiers	-	< 10 %	

4. FIRST AID MEASURES

Inhalation: Remove victim to fresh air. Ensure airways are clear and if breathingis difficult have a qualified person to give oxygen through a face mask. Seek medical attention.
Skin Contact: Remove contaminated clothing and wash skin thoroughly. Wash clothing before reuse. Seek medical assistance if irritation occurs.
Eye Contact: Immediately irrigate with copious quantities of water for several minutes. Hold eyelids open. In all cases of eye contamination it is a sensible precaution to seek medical advice.
Ingestion: If swallowed do NOT induce vomiting. Give a glass of water. Seek medical assistance.

Notes to Doctor: Treat according to symptoms.

5. FIRE FIGHTING MEASURES

Specific Hazards: Highly flammable liquid. May form flammable vapour mixtures with air. Vapour may travel a considerable distance to source of ignition and flash back. On burning will emit toxic fumes.
Fire- fighting advice: Wear breathing apparatus, full protective clothing, appropriate boots and chemically impervious protective gloves while attending hazard. Prevent the product and or extinguishing media from entering drains or waterways. Hoses should be electrically continuous and containers bonded to avoid static build up. Use water to cool fire exposed containers.

Suitable Extinguishing Media: Foam, Dry Chemical, CO2.

Hazchem Code: 3[Y]

Flammability: Flammable.

6. ACCIDENTAL RELEASE MEASURES

Shut off all sources of ignition. Slippery when spilt. Avoid accidents- clean up immediately. Wear appropriate protective equipment to prevent skin and eye contamination and breathing in vapour. Contain- prevent product from entering waterways. Soak up with suitable absorbent (sand, vermiculite) Collect in labelled containers for disposal. Advise Local authority if contamination of water ways occurs. Disposal of the spilled or waste material must be done in accordance with applicable local, state and federal regulations.

7. HANDLING AND STORAGE

Handling advice: Use in well ventilated areas away from ignition sources. Only use equipment that is intrinsically safe for use with flammable liquids and vapours. Keep containers closed when not in use.

Storage advice: Store in a cool, well ventilated area away from heat and ignition sources. Store away from strong oxidising agents. Containers should always be kept closed in storage and properly labelled.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational Exposure Limits: No exposure limits for this product.

Engineering Controls: Use in a well ventilated area. Provide sufficient ventilation to control exposure levels below the exposure standards. Use local exhaust ventilation at sources of air contamination such as open process equipment. Keep away from sources of ignition. Take precautionary measures against static discharges. Dangerous concentrations may exist in areas with poor ventilation such as confined spaces. Protect against accidental release to waterways and drains. Keep containers closed when not in use.

Personal Protection Equipment: Wear chemical gloves, goggles or face shield. Wear protective clothing as necessary to avoid skin contact. Wear chemical resistant gloves. Respiratory protection should be used if there is a risk of exposure to high vapour concentrations. This product is harmful if inhaled. Respirators should comply with AS1716 or an equivalent approved by a state or territory authority. Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or going to the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear colourless liquid, with an orange oil smell
Boiling Point: 78 ^{O}C
Melting Point: Not Known
Flash Point: 16 ^{o}C
Vapour Pressure: 58 Mbar @ 20 ^{O}C
Vapour Density (Air = 1): 4.7
Flammability Limits: LEL 3.5% UEL 19.0%
Specific Gravity: 0.81 @ 20^{o}C
pH (1% dispersion): N/A
Solubility in water: Emulsifies
Corrosiveness: Non-corrosive

10. STABILITY AND REACTIVITY

Stability: Stable when stored in sealed container at room temperature.

11. TOXICOLOGICAL INFORMATION

Acute Health Effects:
Ingested: Headache, dizziness, dullness, gastric disorders and symptoms of central nervous system depression.
Eye: May injure tissue, moderately irritating causing redness.
Skin: Contact with undiluted product may cause irritation to skin. Repeated or prolonged contact may lead to dermatitis.
Inhaled: Inhalation of mist or aerosol may cause moderate irritation to the nose and throat. Chronic exposure to vapour may result in headache and symptoms of central nervous depression.
Chronic: Repeated or prolonged exposure can cause drying, defatting of skin and can lead to dermatitis. The use of gloves is strongly recommended.

12. ECOLOGICAL INFORMATION

Very toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment. Avoid contaminating drains or waterways.

13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority

14. TRANSPORT INFORMATION

UN Number: 1993

Proper Shipping Name: FLAMMABLE LIQUID, N.O.S

Dangerous Goods Class: 3

Subsidiary risk: None

Packing Group: III

Hazchem Code: 3[Y]

Road and Rail Transport: Classified as Class 3 (Flammable Liquid) Dangerous Goods by criteria of the Australian Dangerous Goods Code for transport by road and rail.



15. REGULATORY INFORMATION

Classified as hazardous according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 7th Revised Edition.

Classification of the substance or mixture:
Flammable Liquid – Category 2

SIGNAL WORD: DANGER



Hazard Statement(s):
H225 – Highly flammable liquid and vapour.
Poisons Schedule: N/A

16. OTHER INFORMATION

This S.D.S. is valid for 5 years from the date of issue but may be withdrawn and revised anytime prior to that date. Please ensure that you are using the latest issue.

All information contained in this Safety Data Sheet is as accurate and up-to-date as possible. Since AXI KEM can not anticipate or control the conditions under which this information can be used, each user should review this information in the specific context of the intended application.

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