

MATERIAL SAFETY DATA SHEET

REVISED DATE: 10TH JULY 2006

1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY

Product name: CITRA KLEEN PLUS (MC007)

Intended use: An Advanced, environmentally safe way of removing adhesives, chewing gum, and ink from carpets and hard surfaces.

Supplier: Morleys Ltd
Address: Unit 2, Higher Walton Mill
 Higher Walton
 Preston
 Lancashire
 PR5 4RP

Tel: 01772 626700
Fax: 01772 627372
E-mail: sales@morleysltd.co.uk
Website: www.morleysltd.co.uk

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient Name</u>	<u>CAS No.</u>	<u>Content</u>	<u>Health</u>	<u>Risk</u>
Allphatic cycloparaffinic Hrdrocarbons	64742-48-9	60-100%	Xn	65, 66, 67
D-limonene:	5989-27-5	10-30%	Xi	38, 43

3. HAZARDS IDENTIFICATION

Flammable: May cause sensitization by skin contact.
Harmful: May cause lung damage if swallowed. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

4. FIRST AID MEASURES

General: If medical attention is required, present a copy of this datasheet to the physician.

Inhalation: Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention.

Eye Exposure: Promptly wash eyes with plenty of fresh water while lifting the eyelids. Seek medical attention immediately. Continue to rinse.

Skin Exposure: Remove contaminated clothing. Promptly wash skin thoroughly with soap or mild detergent and water. Get medical attention if irritation persists.

Ingestion: DO NOT induce vomiting. Get medical attention immediately. Promptly get affected person to drink large amounts of water to dilute the swallowed

chemical. Give milk instead of water if readily available. NEVER make an unconscious person vomit or drink fluids. If vomiting occurs, keep head low so that stomach contents does not get into the lungs.

5. FIRE FIGHTING MEASURES

Extinguishing media:

Inert gas, Foam, Carbon Dioxide (CO₂), Dry Chemicals, Sand, dolomite etc. DO NOT use water if avoidable.

Special fire fighting procedures:

Move container from fire area if it can be done without risk. Use water SPRAY only to cool containers. Do not put water on leaked material. Keep run-off water out of water out of sewers and water sources. Dike for water control.

Unusual fire and explosion hazards

Severe explosion hazard when vapours are exposed to flames. Vapours are heavier than air and may spread near ground to sources of ignition.

Hazardous combustion products

Fire or high temperatures create Carbon Monoxide (CO), Carbon Dioxide (CO₂).

6. ACCIDENTAL RELEASE MEASURES

Personal precaution in spill

Avoid contact with skin, eyes and clothing. Wear protective clothing when dealing with spillages. Avoid breathing vapours.

Precautions to protect environment

Prevent products access to water courses. Notify authorities if large amounts of the material have entered a watercourse.

Spill cleanup methods

General: Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Runoff or release to sewers, waterway or ground is forbidden. Clean-up personnel should use respiratory and/or liquid contact protection.

Collect: With absorbent, non-combustible into suitable containers.

7. HANDLING & STORAGE

Usage precautions

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air is above the accepted level. Product can release vapour that can form flammable mixtures upon heating above the flash point. Do not use in confined spaces without adequate ventilation and/or respirator. During application and drying, solvent vapours will be emitted. Static electricity and formation of sparks must be prevented.

7. HANDLING & STORAGE (CONTINUED)

Storage precautions

Keep in cool, dry, ventilated storage and closed containers. Flammable/combustible. Keep away from oxidizers, heat and flames. May attack some plastics. Keep in original container.

Storage criteria

Flammable liquid storage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Substance	Control parameters (OES)	Monitoring procedures
D-limonene	None set	None required

Ventilation:

Explosion-proof of general and local exhaust ventilation. Must not be handled in confined space without sufficient ventilation.

Respirators:

Respiratory protection must be used if air concentration exceeds acceptable levels.

Protective gloves:

Protective gloves must be used if there is a direct risk of contact or splash.

Eye protection:

Wear splash-proof eye goggles to prevent any possibility of eye contact.

Hygienic work practices:

Wash promptly with soap and water if skin becomes contaminated. DO NO SMOKE IN WORK AREA!

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	White/clear liquid with an orange turpentine odour.
Colour:	White
Density/specific gravity:	0.80 temperature (*C):20 method
Flash point:	32
Specific gravity:	1.15 gms/cc method calculation
Solubility in water:	Immiscible with water

10. STABILITY AND REACTIVITY**Stability:**

No particular stability concerns.

Condition to avoid:

Avoid contact with strong oxidising agents, strong alkalis and mineral acids. Avoid heat, flames and other sources of ignition. Avoid excessive heat for prolonged periods of time.

Materials to avoid:

Strong oxidizing agents.

Hazardous decomposition products:

Fire creates Carbon Dioxide (CO₂) and Carbon Monoxide (CO).

11. TOXICOLOGICAL INFORMATION

There is no data on the product itself. Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

Inhalation: Solvent vapours are hazardous and may cause nausea, sickness, headaches, drowsiness, dizziness, disorientation and vertigo.

Ingestion: Harmful. May cause lung damage if swallowed. Pneumonia may be the result if vomited material containing solvents reaches the lungs.

Skin: May cause sensitization by skin contact. Prolonged or repeated contact leads to drying of skin. Product has a defatting effect on the skin.

Eyes: Spray and vapour in the eyes may cause irritation and smarting.

12. ECOLOGICAL INFORMATION

Not regarded as dangerous to the environment.

13. DISPOSAL CONSIDERATIONS

Contact specialist disposal companies. Recover and reclaim or recycle if practical. Dispose of in accordance with local authority requirements.

14. TRANSPORT INFORMATION

Classification: Flammable

Road transport

UN No: 3295
 ADR Class No: 3 – Flammable Liquids
 ADR item No: 31 (c)
 Hazard No. (ADR) 30 Flammable Liquid (flash point between 23c and 61c inclusive) or flammable liquid or solid in the molten state with a flash point above 61c heated to a temperature equal to or above its flash point or self heating liquid.
 ADR marginal: 2301
 ADR label No: 3
 Hazard code: 3W
 CEFIC TEC® No. 30G35
 Proper shipping name: Hydrocarbons, liquid, contains cycloparaffinic hydrocarbons

Sea Transport

UN No: 3295
 IMDG Class: 3.3
 IMDG PAGE No. 3352
 IMDG Pack. Grp: III
 EmS No: 307
 MFAG TABLE No: 310

15. REGULATORY INFORMATION

This product is classified and labelled for supply in accordance with the Chemicals (Hazardous Information and Packaging) Regulations as follows:

Label for supply: Flammable

Risk Phrases:

- R10 Flammable
- R43 May cause sensitization by skin contact
- R65 Harmful: May cause lung damage if swallowed
- R66 Repeated exposure may cause skin dryness or cracking
- R67 Vapours may cause drowsiness and dizziness

Safety Phrases:

- S24 Avoid contact with skin
- S35 This material and its container must be disposed of in a safe way
- S37 Wear suitable gloves
- S51 Use only in well ventilated areas.
- S62 If swallowed, do not induce vomiting. Seek medical advice immediately and show the container or label.

UK Regulatory References: Chemicals (Hazard information and Packaging for supply) Regulations 1994 (as amended)

Statutory instruments: Control of Substances Hazardous to health

Approved code of practice: Safety Data sheets for Substances and Preparations Dangerous for Supply.

Guidance Notes: Occupational Exposure Limits EH40

16. OTHER INFORMATION

Revision comments

The information contained herein is based on known available data believed to be reliable but does not constitute the owners own assessment of the work place risk as required by other Health and Safety legislation.

Revision date: 08-01-01

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