

TECHNICAL DATA SHEET

CITRA-SAFE

Code 5100

Aircraft Approved Safety Solvent

DESCRIPTION

Citra-Safe is a safe industrial solvent, produced from non-petroleum distillation. Citra-Safe is far safer to work with than chlorinated/petroleum solvents such as MEK, III Trichloroethane, Xylene, Toluene. Citra-Safe is biodegradable and can be used as a replacement for most chlorinated or toxic solvents.

Citra-Safe exhibits non-toxic properties, it has no threshold limit values or permissible exposure level limits imposed upon its usage in the workplace and has no carcinogenic properties. Citra-Safe does not contain any hazardous components as defined in the latest United States O.S.H.A. regulations 29 CFR 1910.

Citra-Safe is a bio-degradable solvent replacement for mineral spirits, thinners and chlorinated solvents. The use of Citra-Safe reduces risk of hazardous chemical spills, eliminates most hazardous waste disposal costs, and eliminates the health hazards associated with petroleum solvents. The absence of any petroleum hydrocarbons in Citra-Safe allows disposal after 'soil' release into satisfactorily operating effluent treatment plants subject to local government approval.

Citra-Safe has been successfully used as a replacement for many dangerous solvents including III Trichloroethane, M.E.K, Acetone, Stoddard solvent, Mineral Spirit, Perchloroethylene, Xylene, Toluene, Freon and many other flammable or toxic solvents.



FEATURES & BENEFITS

- Non-toxic properties
- Low evaporation rate allows for a greater coverage rates on application
- Removes tough grease, oils and tars from metals and painted surfaces

DIRECTIONS FOR USE

Due to its slow evaporation rate, it is not necessary to use as much Citra-Safe when using chlorinated solvents. Citra-Safe is used straight from the can and can be wiped on with a clean rag, brushed and sprayed. To decrease the drying time of the product it is suggested a fan or compressed air be used to allow airflow over the surface being cleaned. Citra-safe may cause certain air rubber to swell. Citra-Safe will also attack styrene's and some forms of plastic. Please check prior to using.

AREA OF USE

Citra-Safe removes tough greases, oils, tars and other contaminates from metals, painted surfaces, ceramic, fibreglass, and many plastics. It is also effective in removing some glues, and resins, and can be used to remove oil-based stains from carpets and upholstery. Its ability to evaporate totally after use makes Citra-Safe an ideal replacement for hazardous chlorinated solvents in cleaning electrical parts and apparatus. Its ability to safely clean polyethylene grease and "Icky Pic" from flooded telephone cables and semi-conductors has made Citra-Safe the solvent of choice for many telephone and power utilities.

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APPROVALS

Citra-Safe has many applications in the aerospace and defence industries and is approved under the following Specifications.

BOEING AIRCRAFT

- BAC 5504 cleaning prior to sealing in fuel cells
- BAC 5000 cleaning prior to general cleaning
- BAC 5750 general solvent cleaning

McDONNELL DOUGLAS

- DPM 638

AIRBUS CM

- SIL Number 20-006- replace 1,1,1, replace Trichloroethane and Methyl Ethyl Ketone for general cleaning task.

BOMBARDIER

- 180-9 General Solvent Cleaning.

ROCKETDYNE DIVISION ROCKWELL INTERNATIONAL

- RB0210-028 cleaning fluid, low vapour pressure aliphatic.

ADVANCED TECHNOLOGY LABORATORIES

- ATL 2310-0624-01 Replace 1,1,1 Trichloroethane for general solvent Cleaning.
- ATL 2301-0625-01 Replace Freon 1113/IPA blend for cleaning crystal lattices.

NORTH ATLANTIC TREATY ORGANIZATION

- NATO 6850-66-137-6036.

WESTINGHOUSE

- N53316LM.

U.S. AIR FORCE

- T.O. 1C-135-2-5-2 Cleaning prior to sealing in fuel cells KC13
- T.O. 1-1-8 Application and Removal of Organic Coatings, Aerospace and Non-Aerospace equipment.

U.S. DEPARTMENT OF DEFENCE

- Military Specification MIL-C-81964A Avionic Cleaner

U.S. ARMY

- TB 43-0135 Recommended substitutes for ozone depleting substances used on communications – electronic equipment.

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NATIONAL STOCK NUMBER 6850-01-378-079

PHYSICAL PROPERTIES

Appearance:	Clear liquid
Specific Gravity:	0.84 - 0.85
Flash Point:	51° (PMCC)
Toxicity:	Non-Toxic
Electrical Strength:	250 kV (250,000 volts)
Drying time:	Similar to water
Residue after Evaporation:	Nil
Effect on Metal:	Nil
Packaging:	4 liters, 20 liters, 200 Liters
Storage:	Indefinite if stored in closed drum

ORDERING INFORMATION

Product Code	Packaging	Units/Carton
5100/39	4 Litres	4 units
5100/51	20 Litres	Each
5100/64	200 litres	Each

SAFETY PRECAUTIONS

Citra-Safe is classified as combustible. Contact with the skin may cause de oiling and drying. When repeated contact cannot be avoided, protect hands with nitrile rubber gloves. Contact with the eyes may cause pain and irritation but not damage, flush the eyes with copious quantities of water. If in contact with skin wash with soap and water.

FIRST AID

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Collect spillage. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

STORAGE & DISPOSAL

Store in a well-ventilated place. Keep cool. Store locked up. Dispose of contents/containers in accordance with local regulations.

WARRANTY – All statements, information and data presented herein are believed to be accurate and reliable but are not to be taken as a guarantee, expressed or implied, for which seller assumes legal responsibility and they are offered solely for your consideration, investigation and verification. Statements or suggestions concerning possible use of this product are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe on any patent.
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