Misc MRO #74

READ RIGHT®

Material Safety Data Sheet

ADVANTUS.
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1209, 1309, 1409

SECTION 1: PRODUCT IDENTIFICATION AND EMERGENCY INFORMATION

PRODUCT (TRADE) NAME:	OneStep CRT Cleaning Pad
PRODUCT IDENTIFICATION NUMBER(S):	RR1209, RR1309, RR1409
CHEMICAL NAME AND SYNONYMS:	Isopropyl Alcohol Solution
CHEMICAL FORMULA:	$CH_3CH(OH)CH_3$
EMERGENCY TELEPHONE NUMBERS:	Read/Right: (904) 482-0091
	CHEMTREC (Transportation): (800) 424-9300

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

COMPONENT	CAS#	%	OSHA PEL(ppm)	ACGIH TLV (ppm)
Isopropyl Alcohol	67-63-0	65.00	400	400
Ammonium Hydroxide	1336-21-6	0.05	50	25
Alkyl Dimethyl Benzyl Ammonium Chloride	68391-01-5	0.21	NA	NA
Alkyl Dimethyl Ethyl Benzyl Ammonium Chloride	68956-79-6	0.21	NA	NA
Deionized Water	7732-18-5	34.53	NA	NA

SECTION 3: HAZARDS IDENTIFICATION

Product is distributed as either a single use, presaturated pad, or in a plastic dispenser holding up to 75 presaturated pads. In both cases, all the liquid is absorbed by the applicator(s). Isopropyl alcohol is a flammable liquid. Eye contact will cause local irritation and burning sensations with possible injury if not removed promptly. Repeated or prolonged contact with skin may produce irritation and cause dermatitis. Exposure above TLV may cause irritation of respiratory tract and eyes along with headaches, dizziness and CNS effects. May be harmful if swallowed.

Carcinogenicity (OSHA/NTP/IARC/ACGIH):	Not Listed
Medical Conditions Aggravated by Exposure:	Not Listed

SECTION 4: FIRST AID INFORMATION

EYE CONTACT:	Flush with water for 15 minutes, including under eyelids. Get Medical help.
SKIN CONTACT:	Flush with water.
INHALATION:	Remove to fresh air. Keep at rest. Restore and/or support breathing as needed. Get prompt Medical attention.
INGESTION:	In the unlikely event of ingestion of a wiper, first aid measures should focus on removal of the object and preventing choking. Once removed, keep affected person at rest. Call physician immediately.

SECTION 5: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (TCC): 72°F
FLAMMABLE LIMITS (% BY VOLUME): LEL: NA UEL: NA
AUTOIGNITION TEMPERATURE °F (°C): NA

EXTINGUISHING MEDIA: Isopropyl alcohol fires may be extinguished using carbon dioxide, dry chemical or alcohol foam. Water may be used to cool containers exposed to the fire.

UNUSUAL FIRE OR EXPLOSION HAZARDS: Isopropyl alcohol may release vapors which may ignite at or above flash point.

NFPA RATING:	HEALTH	(1)
	FLAMMABILITY	(3)
	REACTIVITY	(0)

Formulation is classified as an OSHA Class IB Flammable Liquid
NA = Not Available

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SECTION 6: ACCIDENTAL RELEASE MEASURES

Since the isopropyl alcohol solution is completely absorbed by the applicator and the amount of isopropyl alcohol per applicator is small, the chance of a significant spill occurring is small. In the event however, a significant amount of liquid is released, ventilate the area, especially low areas where vapors may collect and remove all sources of ignition. Cleanup personnel need protection against liquid contact and vapor inhalation.

SECTION 7: HANDLING AND STORAGE

Store in a clean, cool, ventilated area away from sources of ignition and oxidizing agents. Handle and store in a manner suitable for an OSHA Class IB Flammable Liquid. Electrical services must meet applicable codes. Use non-sparking tools.

SECTION 8: EXPOSURE CONTROL - PERSONAL PROTECTION

Provide ventilation to maintain TLV(s). Use non-sparking tools. Avoid inhalation of vapors, contact with eyes and repeated or prolonged contact with skin. Do not take internally.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT (°f(°C)):	184(84)	% VOLATILE BY VOLUME @ 25°C:	100
VAPOR PRESSURE (mmHg @ 25°C):	43	EVAPORATION RATE(BUTYL ACETATE=1):	>1
VAPOR DENSITY (AIR=1):	>1	FORM:	Saturated Wipe
% SOLUBLE IN WATER @ 25°C:	100	ODOR:	Alcohol
SPECIFIC GRAVITY (G/CC@25°C)	0.87	APPEARANCE OF LIQUID:	Clear

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable
HAZARDOUS POLYMERIZATION:	Will not occur
INCOMPATIBILITIES/CONDITIONS TO AVOID:	Caustics, amines, alkanolamines, aldehydes, ammonia, strong oxidizing agents and chlorinated compounds.
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon monoxide

SECTION 11: TOXICOLOGICAL INFORMATION

Not Available

SECTION 12: ECOLOGICAL INFORMATION

Not Available

SECTION 13: DISPOSAL CONSIDERATIONS

Follow Federal, State and Local regulations.

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SECTION 14: TRANSPORT INFORMATION

DOT CLASSIFICATION: Not Regulated
Proper Shipping Name:
Hazard Class:
UN Number:
Packing Group:
Hazard Labeling:

IATA/ICAO CLASSIFICATION: Not Regulated
Proper Shipping Name:
Hazard Class:
UN Number:
Packing Group:
Hazard Labeling:

IMDG CLASSIFICATION: Not Regulated
Proper Shipping Name:
Hazard Class:
IMDG Page#:
Packing Group:
Flash Point (°C):
Marine Pollutant:

SECTION 15: REGULATORY INFORMATION

SARA TITLE III REPORTING:

Toxic Chemical(Section 313):		Not listed
Extremely Hazardous Substance (Section 302, 304, 311,312):		Not Listed
Hazard Class:	Chronic Health	Yes
	Acute Health	Yes
	Fire Hazard	Yes
	Pressure Hazard	No
	Reactivity Hazard	No
TSCA INVENTORY STATUS		All components listed are on the TSCA inventory

SECTION 16: OTHER INFORMATION

The information provided herein is compiled from internal reports and data from professional publication. It is furnished without warranty of any kind, expressed or implied. It is intended solely to assist in evaluating suitability and proper use of the material and in implementing safety precautions and procedures. Employers should use this information as a supplement to other information gathered by them and must make independent determination of suitability and completeness of information from all sources to assure proper use of these materials. All information used must be determined by the user to be in accordance with applicable federal, state and local laws and regulations.