



MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT Innovera IVR51502 -SINGLE SURFACE WIPES
010807

FILE NO.:
MSDS DATE:

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Innovera Single Surface Wipes

SYNONYMS:

PRODUCT CODES: (00-041)

MANUFACTURER: For USSCO by Systemcare

DIVISION:

ADDRESS: Unit 6/7 Maybrook Industrial Estate
Maybrook Road
Walsall Wood, Brownhills
West Midlands, WS8 7DG
UK

EMERGENCY PHONE: 0044 1543 454872

CHEMTREC PHONE:

OTHER CALLS:

FAX PHONE: 0044 1543 454184

CHEMICAL NAME:

CHEMICAL FAMILY:

CHEMICAL FORMULA:

PRODUCT USE: No significant hazard. The regulatory information is dependent upon the concentration limit of the specific substance.

PREPARED BY:

SECTION 1 NOTES: None

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: (Hazardous) 1) Trisodium nitrotriacetate
2) N,N-Methylene bis morpholine
3) Dipropylene glycol monoethyl ether

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
1) 5064-31-3		<5	
2) 5625-90-1		<5	
3) 34590-94-8		5 - 10	
	<u>ppm</u>	<u>mg/m3</u>	
OSHA PEL-TWA:	1) & 2) NE	3) 100 skin	
OSHA PEL STEL :	1) & 2) NE	3) -	
OSHA PEL CEILING:	1) & 2) NE	3) -	
ACGIH TLV-TWA:	1) & 2) NE	3) 100 skin (ACGIH 1999)	
ACGIH TLV STEL:	1) & 2) NE	3) 150 skin (ACGIH 1999)	
ACGIH TLV CEILING:	1) & 2) NE	3) -	

SECTION 2 NOTES: NE = Not Established

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: No significant hazards

SECTION 3: HAZARDS IDENTIFICATION (cont'd)

ROUTES OF ENTRY:

POTENTIAL HEALTH EFFECTS

EYES: There may be irritation and redness

SKIN: No symptoms

INGESTION: No symptoms

INHALATION: No symptoms

ACUTE HEALTH HAZARDS: N/A

CHRONIC HEALTH HAZARDS: N/A

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None

CARCINOGENICITY

OSHA: - **ACGIH:** - **NTP:** - **IARC:** Yes

OTHER: -

SECTION 3 NOTES: Nitrotriacetic acid is listed by IARC as a possible human carcinogen

SECTION 4: FIRST AID MEASURES

EYES: Bathe the eye with running water for 15 minutes

SKIN: Wash immediately with plenty of soap and water

INGESTION: Wash out mouth with water. Do not induce vomiting.

INHALATION: Consult a physician

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:
None

SECTION 4 NOTES: None

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A
(% BY VOLUME) LOWER: N/A

FLASH POINT: N/A

F:

C:

METHOD USED:

AUTOIGNITION TEMPERATURE: Not evaluated

F:

C:

NFPA HAZARD CLASSIFICATION Not evaluated

HEALTH: **FLAMMABILITY:** **REACTIVITY:**

OTHER:

HMS HAZARD CLASSIFICATION Not evaluated

HEALTH: **FLAMMABILITY:** **REACTIVITY:**

PROTECTION:

EXTINGUISHING MEDIA: Alcohol or polymer foam. Dry chemical powder. Water spray

SECTION 5: FIRE-FIGHTING MEASURES (cont'd)

SPECIAL FIRE FIGHTING PROCEDURES: Fire-fighters should wear self-contained breathing apparatus, and wear protective clothing to prevent contact with skin and eyes.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

HAZARDOUS DECOMPOSITION PRODUCTS: In combustion emits toxic fumes

SECTION 5 NOTES: None

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Refer to section 8 of the MSDS for personal protection details.
Turn leaking containers leak-side up to prevent the escape of liquid.

SECTION 6 NOTES: Clean up by absorbing in dry earth or sand. Transfer to a closable, labeled salvage container for disposal by an appropriate method.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Store in a cool, well ventilated area.

OTHER PRECAUTIONS: Keep container tightly closed

SECTION 7 NOTES: None

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: No special requirements

VENTILATION : No special requirements

RESPIRATORY PROTECTION: Respiratory protection is not required

EYE PROTECTION: Safety goggles. Provide eye wash station(s)

SKIN PROTECTION: Protective clothing

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Select additional protective equipment (e.g. apron, face shield, etc.) depending upon conditions of use

WORK HYGIENIC PRACTICES: Good hygienic working practices

EXPOSURE GUIDELINES: No exposure guidelines established. Avoid all unnecessary exposure.

SECTION 8 NOTES: None

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Colorless

ODOR: Pleasant

PHYSICAL STATE: Liquid

pH AS SUPPLIED: 7

pH (Other): -

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (cont'd)

BOILING POINT:
 F: 212
 C: 100

MELTING POINT:
 F: N/A
 C:

FREEZING POINT:
 F: N/A
 C:

VAPOR PRESSURE (mmHg):
 @
 F: N/A
 C:

VAPOR DENSITY (AIR = 1):
 @
 F: N/A
 C:

SPECIFIC GRAVITY (H2O = 1): 0.98
 @
 F:
 C:

EVAPORATION RATE: N/A

BASIS (=1):

SOLUBILITY IN WATER: Soluble

PERCENT SOLIDS BY WEIGHT: N/A

PERCENT VOLATILE: N/A
 BY WT/ BY VOL @
 F:
 C:

VOLATILE ORGANIC COMPOUNDS (VOC): N/A

 WITH WATER: LBS/GAL
 WITHOUT WATER: LBS/GAL

MOLECULAR WEIGHT: N/A
VISCOSITY: N/A
 @
 F:
 C:

SECTION 9 NOTES: None

SECTION 10: STABILITY AND REACTIVITY

	<u>STABLE</u>	<u>UNSTABLE</u>
STABILITY:	Stable under normal conditions	
CONDITIONS TO AVOID (STABILITY):	None	
INCOMPATIBILITY (MATERIAL TO AVOID):	None	
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	No decomposition expected under normal storage conditions	
HAZARDOUS POLYMERIZATION:	Will not occur	
CONDITIONS TO AVOID (POLYMERIZATION):	N/A	
SECTION 10 NOTES:	None	

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Nitroltriacetic acid is listed bi IARC as a possible human carcinogen

SECTION 11 NOTES: For routes of exposure and corresponding symptoms refer to section 4 of the MSDS

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Biodegradable. No bioaccumulation potential.

SECTION 12 NOTES: Negligible ecotoxicity

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: N/A

RCRA HAZARD CLASS: This product, when unadulterated, is not a RCRA regulated hazardous waste.

SECTION 13 NOTES: Disposal must be arranged in accordance with local, state and federal regulations. Care must be taken to prevent environmental contamination from the disposal of material, residues and containers

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION Not a DOT controlled material (United States)

PROPER SHIPPING NAME:

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENT:

WATER TRANSPORTATION

PROPER SHIPPING NAME:

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENTS:

AIR TRANSPORTATION

PROPER SHIPPING NAME:

HAZARD CLASS:

ID NUMBER:

PACKING GROUP:

LABEL STATEMENTS:

OTHER AGENCIES: N/A

SECTION 14 NOTES: None

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): N/A

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): N/A

SECTION 15: REGULATORY INFORMATION (cont'd)

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): N/A

311/312 HAZARD CATEGORIES: No significant hazard

313 REPORTABLE INGREDIENTS: None

STATE REGULATIONS: None known

INTERNATIONAL REGULATIONS: N/A

SECTION 15 NOTES: None

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: Irritating to eyes and skin
Harmful if swallowed

PREPARATION INFORMATION: N/A

DISCLAIMER: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.