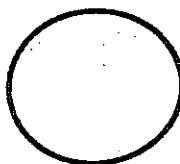


MATERIAL SAFETY DATA SHEET IM654C.1196

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Data Sheet No. _____
Issue Date _____
Supersedes Issue Of _____
Issued By _____
Date Prepared 11-20-96

SECTION I

| | |
|--|--|
| TRADE NAME AND SYNONYMS | |
| 354 C and 654C Cherry Freshner Cartridge | |
| CHEMICAL NAME AND SYNONYMS | |
| CHEMICAL FAMILY | |
| FORMULA | |

Emergency/Information: 419-841-2891

SECTION II - PRODUCT AND COMPONENT DATA

| COMPONENT(S) CHEMICAL NAME | CAS REGISTRY NO. | % APPROX. | OSHA PEL ACGIH TLV-TWA |
|---|------------------|-----------|---------------------------|
| (None) The specific chemical ingredients and formulations are considered to be trade secrets, and are withheld in accordance with the provisions of 1910.1200 of Title 29 of the Code of Federal Regulations. In the event of a medical emergency, all necessary information will be revealed to a qualified health professional. | | | |
| | | | |
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| | | | |

SECTION III - PHYSICAL DATA

| | |
|---|---|
| BOILING POINT (°F) Data not available | SPECIFIC GRAVITY (H ₂ O=1) 1.040 (±0.05) |
| VAPOR PRESSURE (mm Hg.) Data not available | PERCENT, VOLATILE BY VOLUME (%) |
| VAPOR DENSITY (AIR=1) Heavier | EVAPORATION RATE |
| SOLUBILITY IN WATER Insoluble | |
| APPEARANCE AND ODOR Clear yellow liquid having a cherry odor characteristic. | |

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

| | | | |
|---|--------------------------------------|----------------|----------------|
| FLASH POINT (Method used) (Tag closed cup): 152°F | FLAMMABLE LIMITS (%volume in air) | LEL Unknown | UCL Unknown |
| EXTINGUISHING MEDIA CO ₂ , dry chemical or universal-type foam applied according to manufacturer's techniques. | | | |
| SPECIAL FIRE FIGHTING PROCEDURES Wear self-contained breathing apparatus and complete personal protective equipment. | | | |
| UNUSUAL FIRE AND EXPLOSION HAZARDS Closed containers may build up pressure at elevated temperatures. If possible, containers should be cooled with a water spray. | | | |

NFPA Codes - Health: 2 Flammability: 2 Reactivity: 1

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

EFFECTS OF OVEREXPOSURE Ingestion: Harmful if swallowed. Skin Contact: Prolonged contact may lead to irritation and dermatitis. Eye Contact: May cause eye irritation by direct contact or from fumes. Inhalation: May cause respiratory tract irritation.

EMERGENCY AND FIRST AID PROCEDURES Ingestion: If swallowed, drink milk or water and contact a doctor immediately. Skin Contact: Wash skin with soap and plenty of water. Remove contaminated clothing and wash before wearing again. Eye Contact: Flush eyes with water for a least 15 mins. If irritation persists, contact a doctor. Inhalation: Remove victim to fresh air.

SECTION VI - REACTIVITY DATA

| | | | |
|------------------|----------|---|--|
| STABILITY | UNSTABLE | x | CONDITIONS TO AVOID |
| | STABLE | | Sources of ignition and/or excessive heat. |

INCOMPATIBILITY (Materials to avoid)
Strong alkalis and/or oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS
CO₂ and CO may be produced during combustion.

| | | | |
|-----------------------|----------------|---|---------------------|
| HAZARDOUS | MAY OCCUR | x | CONDITIONS TO AVOID |
| POLYMERIZATION | WILL NOT OCCUR | | |

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED/SPILLED Small spill: Cover with a non-combustible material and remove to an approved disposal container. Wash area with soap and water. Large Spill: Avoid sources of ignition. Contain spilled material. Cover with a non-combustible material and remove to an approved disposal container. Avoid inhalation of vapors. If in a confined area, NIOSH approved respiratory protection may be required. Wash area with soap and water. Dry products should be swept up and removed to an approved disposal container. Wash area with soap and water.

WASTE DISPOSAL METHOD Dispose of as specified by local, state, or federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) Not normally required, but if vapor concentration is high due to heat use a NIOSH approved respirator.

| | | |
|--------------------|---|----------------|
| VENTILATION | LOCAL EXHAUST Meeting ACGIH criteria as needed. | SPECIAL |
| | MECHANICAL (General) Mechanical exhaust fan. | OTHER |

| | |
|--|---|
| PROTECTIVE GLOVES Chemical resistant gloves. | EYE PROTECTION Use chemical safety goggles or face shield when eye contact might occur. |
|--|---|

OTHER PROTECTIVE EQUIPMENT Eye wash station and safety shower should be easily accessible. Follow good industrial practice as to housekeeping, personal hygiene and avoidance of prolonged or repeated contact with skin or eyes.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in tightly sealed containers in a cool dry place that is well-ventilated.