

**SECTION 1****PRODUCT AND COMPANY NAME**

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| 1.1. PRODUCT IDENTIFIER | Iris |
| 1.2. RECOMMENDED USE OF THE CHEMICAL | FRUIT CRACKING SUPPRESSANT |
| 1.3. SUPPLIER'S DETAILS | |
| MANUFACTURER NAME | QUIMICAS MUNDIALES |
| MANUFACTURER ADDRESS | LA URUCA, SAN JOSE. COSTA RICA |
| PHONE NUMBER | (+506) 2290-3434 |
| 1.4. EMERGENCY PHONE NUMBER | |
| CHEMTREC | 800-424-9300 |
| IN CASE OF EMERGENCY | 9-1-1 |

SECTION 2**HAZARD IDENTIFICATION**

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| HAZARD PICTOGRAMS | None required |
| GENERAL PRECAUTIONARY STATEMENTS | Undiluted product may cause eye and skin irritation Ingestion may cause irritation and nausea Keep out of reach of children Read label before use |
| PRECAUTIONARY STATEMENTS | Wash hands thoroughly after handling Do not touch eyes |

SECTION 3**COMPOSITION/INFORMATION ON INGREDIENTS**

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| Hazardous components | No hazardous components |
| Other components | Fatty acids and vegetable esters |

SECTION 4**FIRST-AID MEASURES**

| ROUTE OF EXPOSURE | FIRST-AID MEASURE |
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| INHALATION | Move to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call a doctor and give artificial respiration, preferably mouth to mouth if possible |
| INGESTION | Do not induce vomiting. Call to a poison control center or doctor for treatment advice and bring this safety sheet |
| EYE CONTACT | Hold eye open and rinse with water for at least 15-20 min. Remove contact lenses. If the discomfort persists, get medical attention |
| SKIN CONTACT | Wash with soap and plenty of water. If the discomfort persists, get medical attention |

SECTION 5**FIRE-FIGHTING MEASURES**

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| 5.1. EXTINGUISHING MEDIA | Not flammable. Use suitable equipment for extinguishing the surrounding fire |
| 5.2. HAZARD FROM COMBUSTION PRODUCTS | During fire, may produce carbon monoxide and carbon dioxide |
| 5.3. SPECIAL PROTECTIVE ACTIONS FOR FIRE-FIGHTERS | Fire fighters should wear full protective gear, including self-contained breathing apparatus |

SECTION 6**ACCIDENTAL RELEASE MEASURES**

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| 6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES | Keep away personnel not involved in spill collection. Spilled material may make floor slippery. Ensure adequate ventilation. Provide the appropriate protective equipment to the personnel involved. Pick up in accordance with spill pick up procedure |
| 6.2. ENVIRONMENTAL PRECAUTIONS | Prevent spilled material from entering basements, confined areas, drainage, sewers and water bodies. Dispose the spillage according to regulations |
| 6.3. METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP | Contain the spill with absorbing material like diatomaceous earths or sand. Collect in properly labelled drums for disposal |

**SECTION 7****HANDLING AND STORAGE****7.1. PRECAUTIONS FOR SAFE HANDLING**

Keep out of reach of children. Avoid contact with skin and eyes. When using do not eat, drink or smoke. Do not inhale vapors or spray mist. After use and before eating, drinking or smoking wash hands, arms and face thoroughly with soap and water

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Store in the tightly closed original container in a cool well-ventilated dry area out of sunlight and above 45 °F. Do not store with food, feed or other materials to be used or consumed by humans and animals

SECTION 8**EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. CONTROL PARAMETERS**

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| Occupational exposure limits | No exposure limits for ingredients |
| Biological limit values | None |

8.2. APPROPRIATE ENGINEERING CONTROLS

Control process conditions to avoid contact. Use in a well-ventilated area only. Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower. Provide mechanical ventilation for enclosed spaces

8.3. INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

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| Respiratory | Not necessary unless adequate ventilation is inadequate |
| Eyes | Safety glasses or full-face shield are recommended. Eye fountain and washing facilities should be present at work area |
| Skin | Neoprene or nitrile gloves |
| Clothing | Wear impervious clothing when handling |

SECTION 9**PHYSICAL AND CHEMICAL PROPERTIES**

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| APPEARANCE | Viscous white liquid |
| ODOUR | No data available |
| ODOUR THRESHOLD | No data available |
| pH | 8.0 – 9.0 |
| FREEZING/MELTING POINT | No data available |
| INITIAL BOILING POINT/BOILING RANGE | 212 °F (100 °C) |
| FLASH POINT | No data available |
| EVAPORATION RATE | No data available |
| FLAMMABILITY | Not flammable |
| UPPER/LOWER FLAMMABILITY LIMITS | No data available |
| VAPOUR PRESSURE | No data available |
| VAPOUR DENSITY | No data available |
| RELATIVE DENSITY | 0.99 |
| SOLUBILITY | Completely miscible in water |
| PARTITION COEFFICIENT: <i>N</i> -OCTANOL/WATER | No data available |

SECTION 10**STABILITY AND REACTIVITY**

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| 10.1. REACTIVITY | Stable under standard conditions of use, storage and transport |
| 10.2. CHEMICAL STABILITY | Stable under standard conditions of use, storage and transport |
| 10.3. POSSIBILITY OF HAZARDOUS REACTIONS | Hazardous polymerization does not occur |
| 10.4. CONDITIONS TO AVOID | High temperatures, direct heat |
| 10.5. INCOMPATIBLE MATERIALS | Strong oxidative agents |
| 10.6. HAZARDOUS DECOMPOSITION PRODUCTS | Carbon monoxide and carbon dioxide |



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| SECTION 11 | |
| TOXICOLOGICAL INFORMATION | |
| Acute toxicity | No data available |
| Skin corrosion/irritation | No data available |
| Serious eye damage/irritation | No data available |
| Respiratory or skin sensitization | No data available |
| Germ cell mutagenicity | No data available |
| Carcinogenicity | No data available |
| Reproductive toxicity | No data available |
| STOT-single exposure | No data available |
| STOT-repeated exposure | No data available |
| Aspiration hazard | No data available |
| 11.1. INFORMATION ON THE LIKELY ROUTES OF EXPOSURE | |
| INGESTION | May cause burns, irritation or discomfort |
| INHALATION | May cause coughing, nose and throat irritation |
| SKIN | May cause irritation |
| EYES | May cause irritation |
| SECTION 12 | |
| ECOLOGICAL INFORMATION | |
| Toxicity | No data available |
| Persistence and degradability | No data available |
| Bio accumulative potential | No data available |
| Mobility in soil | No data available |
| SECTION 13 | |
| DISPOSAL CONSIDERATIONS | |
| Treat waste in appropriate facilities in accordance with applicable regulations. Do not discharge into sewers, lakes, streams, or other bodies of water. Rinse empty containers before disposal and add rinsing to the mixing tank. If recycling, return clean containers to recycler of collection point. If not, dispose empty containers in local landfill. Avoid the entry of the undiluted product into drains, canals or any tributary of a body of water | |
| SECTION 14 | |
| TRANSPORT INFORMATION | |
| Not DOT regulated as a dangerous good | |
| SECTION 15 | |
| REGULATORY INFORMATION | |
| CA Prop. 65: | This product contains no chemicals known to the State of California to cause cancer, birth defects or other reproductive harm |
| SARA 313: | Contains no chemicals subject to SARA Title III Section 313 in quantities sufficient to trigger reporting requirements |
| TSCA: | All components of this product are included or exempt from inclusion in EPA's Toxic Substances Control Act (TSCA) Chemical Substance Inventory |
| WHMIS: | This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all of the information required by the CPR |
| SECTION 16 | |
| OTHER INFORMATION | |
| NONE | |