SECTION 1 : IDENTIFICATION

Product identifier used on the label:

Product Name: MA3940 BLUE ACTIVATOR
Product Code: IT511
WIP No.: IT511

Other means of identification:

Synonyms: None.

Recommended use of the chemical and restrictions on use:

Product Use/Restriction: Not applicable.

Chemical manufacturer address and telephone number:

Manufacturer Name: ITW
Address: 30 Endicott Street
Danvers, MA 01923
General Phone Number: (978) 777-1100

Emergency phone number:

Emergency Phone Number: (800) 424-9300
CHEMTREC: For emergencies in the US, call CHEMTREC: 800-424-9300

SECTION 2 : HAZARD(S) IDENTIFICATION

Classification of the chemical in accordance with CFR 1910.1200(d)(f):

GHS Pictograms:

Signal Word: WARNING.
GHS Class:
Eye Irritation. Category 2.
Skin Irritation. Category 2.
Skin Sensitization. Category 1.
Specific Target Organ Toxicity - STOT, Single Exposure SE. Category 3.

Hazard Statements:
H319 - Causes serious eye irritation.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H335 - May cause respiratory irritation.

Precautionary Statements:
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 - Wash hands thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 - IF ON SKIN: Wash with plenty of water.
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
P313 - Specific treatment (see ... on this label).
P332+P331 - If skin irritation occurs: Get medical advice/attention.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P501 - Dispose of contents/container in accordance with Local, State, Federal and Provincial regulations.

Hazards not otherwise classified that have been identified during the classification process:

Route of Exposure: Eyes. Skin. Inhalation. Ingestion.

Potential Health Effects:
Eye: Can cause moderate irritation, burning sensation, tearing, redness, and swelling. Overexposure may cause lacrimation, conjunctivitis, corneal damage and permanent injury.

Skin: Can cause skin irritation; itching, redness, rashes, hives, burning, and swelling. Allergic reactions are possible.

Inhalation: Respiratory tract irritant. High concentration may cause dizziness, headache, and anesthetic effects.

Ingestion: Causes irritation, a burning sensation of the mouth, throat and gastrointestinal tract and abdominal pain.

Chronic Health Effects: Prolonged skin contact may lead to burning associated with severe reddening, swelling, and possible tissue destruction.

Signs/Symptoms: Overexposure can cause headaches, dizziness, nausea, and vomiting.

Aggravation of Pre-Existing Conditions: Individuals with pre-existing skin disorders, asthma, allergies or known sensitization may be more susceptible to the effects of this product.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS#</th>
<th>Ingredient Percent</th>
<th>EC Num.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diisodecyl phthalate</td>
<td>26761-40-0</td>
<td>0.1 - 1.0 by weight</td>
<td></td>
</tr>
<tr>
<td>Propanol, oxybis-, dibenzoate</td>
<td>27138-31-4</td>
<td>0.1 - 1.0 by weight</td>
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</tr>
<tr>
<td>Black iron oxide</td>
<td>1317-61-9</td>
<td>1 - 10 by weight</td>
<td></td>
</tr>
<tr>
<td>Benzoyl Peroxide</td>
<td>94-36-0</td>
<td>10 - 20 by weight</td>
<td></td>
</tr>
<tr>
<td>Diisodecyl adipate</td>
<td>27178-16-1</td>
<td>20 - 30 by weight</td>
<td></td>
</tr>
<tr>
<td>Bisphenol A diglycidyl ether resin</td>
<td>25068-38-6</td>
<td>30 - 40 by weight</td>
<td></td>
</tr>
<tr>
<td>Proprietary Ingredient(s)</td>
<td>No Data</td>
<td>20 - 30 by weight</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 4 : FIRST AID MEASURES

Description of necessary measures:

Eye Contact: Immediately flush eyes with plenty of water for at least 15 to 20 minutes. Ensure adequate flushing of the eyes by separating the eyelids with fingers. Get immediate medical attention.

Skin Contact: Immediately wash skin with plenty of soap and water for 15 to 20 minutes, while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists. Get medical attention if irritation develops or persists.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

Ingestion: If swallowed, do NOT induce vomiting. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SECTION 5 : FIRE FIGHTING MEASURES

Suitable and unsuitable extinguishing media:

Suitable Extinguishing Media: Use carbon dioxide (CO2) or dry chemical when fighting fires involving this material.

Unsuitable extinguishing media: Water or foam may cause frothing.

Unusual Fire Hazards: Organic peroxides can decompose violently if heated strongly while confined. Sudden reaction and fire may result if product is mixed with an oxidizing agent.

Special protective equipment and precautions for fire-fighters:

Protective Equipment: As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.

Fire Fighting Instructions: Evacuate area of unprotected personnel. Use cold water spray to cool fire exposed containers to minimize risk of rupture. Do not enter confined fire space without full protective gear. If possible, contain fire run-off water.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Personal Precautions: Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.

Environmental Precautions: Avoid runoff into storm sewers, ditches, and waterways.

Methods and materials for containment and cleaning up:

Spill Cleanup Measures: Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Clean up spills immediately observing precautions in the protective equipment section. After removal, flush spill area with soap and water to remove trace residue. Avoid personal contact and breathing vapors or mists. Ventilate area. Use proper personal protective equipment as listed in Section 8.
SECTION 7: HANDLING and STORAGE

Precautions for safe handling:
Handling: Use with adequate ventilation. Avoid breathing vapor, aerosol or mist.
Hygiene Practices: Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities:
Storage: Store in a cool, dry, well ventilated area away from sources of heat and incompatible materials. Keep container tightly closed when not in use. Do not store in temperatures above 100 °F.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE GUIDELINES:

Benzoyl Peroxide:
Guideline ACGIH: TLV-TWA: 5 mg/m³
Guideline OSHA: PEL-TWA: 5 mg/m³

Appropriate engineering controls:
Use appropriate engineering control such as process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Good general ventilation should be sufficient to control airborne levels. Where such systems are not effective wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards. Consult with local procedures for selection, training, inspection and maintenance of the personal protective equipment.

Individual protection measures:
Eye/Face Protection: Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166.
Skin Protection Description: Wear appropriate protective gloves and other protective apparel to prevent skin contact. Consult manufacturer's data for permeability data.
Respiratory Protection: A NIOSH approved air-purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.
Other Protective: Facilities storing or utilizing this material should be equipped with an eyewash and a deluge shower safety station.

Notes: Only established PEL and TLV values for the ingredients are listed.

SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL AND CHEMICAL PROPERTIES:

Physical State Appearance: Viscous. Liquid.
Odor: Slight odor.
Boiling Point: Not determined.
Melting Point: Not determined.
Specific Gravity: 1.0-1.25
Solubility: Slightly soluble.
Vapor Density: Not determined.
Vapor Pressure: Not determined.
Percent Volatile: <4
Evaporation Rate: <<1 (butyl acetate = 1)
pH: 6
Molecular Formula: Mixture
Molecular Weight: Mixture
Flash Point: Not determined.
Lower Flammable/Explosive Limit: Not determined.
Upper Flammable/Explosive Limit: Not determined.
Auto Ignition Temperature: Not determined.
VOC Content: Not determined.

9.2. Other information:

Percent Solids by Weight >96
SECTION 10: STABILITY and REACTIVITY

Chemical Stability: Unstable.
Possibility of hazardous reactions: Hazardous Polymerization: Not reported.
Conditions To Avoid: Extreme heat, sparks, and open flame. Incompatible materials, oxidizers and oxidizing conditions. Contamination, direct sunlight, friction and prolonged storage above 100°F (38°C).

SECTION 11: TOXICOLOGICAL INFORMATION

Diisodecyl phthalate:
Skin: Administration onto the skin - Rabbit LD50 - Lethal dose, 50 percent kill: >3160 mg/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)
Ingestion: Oral - Rat LD50 - Lethal dose, 50 percent kill: 64 gm/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)

Propanol, oxybis-, dibenzoate:
Skin: Administration onto the skin - Rat LD50 - Lethal dose, 50 percent kill: >2000 mg/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)
Ingestion: Oral - Rat LD50 - Lethal dose, 50 percent kill: 3295 mg/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)

Benzoyl Peroxide:
Eye: Administration into the eye - Rabbit Standard Draize test: 500 mg/24H [Mild] (RTECS)
Ingestion: Oral - Rat LD50 - Lethal dose, 50 percent kill: 37710 mg/kg [Brain and Coverings - Other degenerative changes Cardiac - Cardiomyopathy including infarction Liver - Other changes] (RTECS)

Diisodecyl adipate:
Ingestion: Oral - Rat LD50 - Lethal dose, 50 percent kill: 20.5 gm/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)

Bisphenol A diglycidyl ether resin:
Eye: Administration into the eye - Rabbit Standard Draize test: 100 mg [Mild]
Administration into the eye - Rabbit Standard Draize test: 20 mg/24H [Moderate]
Administration into the eye - Rabbit Standard Draize test: 5 mg/24H [Severe] (RTECS)
Skin: Administration onto the skin - Rabbit LD50 - Lethal dose, 50 percent kill: >20 mL/kg [Details of toxic effects not reported other than lethal dose value]
Administration onto the skin - Rat LD50 - Lethal dose, 50 percent kill: >1200 mg/kg [Details of toxic effects not reported other than lethal dose value] (RTECS)
Ingestion: Oral - Rat LD50 - Lethal dose, 50 percent kill: 10700 ul/kg [Details of toxic effects not reported other than lethal dose value]
Oral - Rat LD50 - Lethal dose, 50 percent kill: 13600 mg/kg [Behavioral - Somnolence (general depressed activity) Lungs, Thorax, or Respiration - Dyspnea Nutritional and Gross Metabolic - Weight loss or decreased weight gain]
Oral - Rat LD50 - Lethal dose, 50 percent kill: 13.6 gm/kg [Details of toxic effects not reported other than lethal dose value]
Oral - Rat LD50 - Lethal dose, 50 percent kill: 11.4 gm/kg [Details of toxic effects not reported other than lethal dose value]
Oral - Rat LD50 - Lethal dose, 50 percent kill: 30 gm/kg [Behavioral - Somnolence (general depressed activity) Lungs, Thorax, or Respiration - Dyspnea Nutritional and Gross Metabolic - Weight loss or decreased weight gain]
Oral - Rat LD50 - Lethal dose, 50 percent kill: 30 gm/kg [Details of toxic effects not reported other than lethal dose value]
Oral - Rat LD50 - Lethal dose, 50 percent kill: 11400 mg/kg [Behavioral - Somnolence (general depressed activity) Lungs, Thorax, or Respiration - Dyspnea Nutritional and Gross Metabolic (RTECS)]

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: No ecotoxicity data was found for the product.
Environmental Fate: No environmental information found for this product.

SECTION 13: DISPOSAL CONSIDERATIONS
WHMIS Pictograms:

Description of waste:
Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classifications of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines.

SECTION 14 : TRANSPORT INFORMATION

DOT Shipping Name: Refer to Bill of Lading
DOT UN Number: Refer to Bill of Lading
IATA Shipping Name: Refer to Bill of Lading
IATA UN Number: Refer to Bill of Lading
IMDG UN Number: Refer to Bill of Lading
IMDG Shipping Name: Refer to Bill of Lading

SECTION 15 : REGULATORY INFORMATION

Safety, health and environmental regulations specific for the product:

**Diisodecyl phthalate**:  
TSCA Inventory Status: Listed  
California PROP 65: Listed: developmental.
Canada DSL: Listed

**Propanol, oxybis-, dibenzoate**:  
TSCA Inventory Status: Listed  
Canada DSL: Listed

**Black iron oxide**:  
TSCA Inventory Status: Listed  
Canada DSL: Listed

**Benzoyl Peroxide**:  
TSCA Inventory Status: Listed  
Canada DSL: Listed

**Diisodecyl adipate**:  
TSCA Inventory Status: Listed  
Canada DSL: Listed

**Bisphenol A diglycidyl ether resin**:  
TSCA Inventory Status: Listed  
Canada DSL: Listed

Canadian Regulations. WHMIS Hazard Class(es): D2B  
All components of this product are on the Canadian Domestic Substances List.

WHMIS Pictograms:

SECTION 16 : ADDITIONAL INFORMATION

HMIS Ratings:

<table>
<thead>
<tr>
<th>HMIS Health Hazard</th>
<th>2*</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMIS Fire Hazard</td>
<td>2</td>
</tr>
<tr>
<td>HMIS Reactivity</td>
<td>2</td>
</tr>
<tr>
<td>HMIS Personal Protection</td>
<td>X</td>
</tr>
</tbody>
</table>

Health Hazard 2*  
Fire Hazard 2  
Reactivity 2  
Personal Protection X

* Chronic Health Effects

SDS Creation Date: August 06, 2016  
SDS Revision Date: August 06, 2016  
SDS Author: Actio Corporation