SAFETY DATA SHEET

MONTANA® PA3050M ACTIVATOR

Date issued 2/16/2015

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product Code</th>
<th>PA3050M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Name</td>
<td>ACTIVATOR</td>
</tr>
<tr>
<td>Recommended use</td>
<td>A paint or paint constituent product</td>
</tr>
</tbody>
</table>

UNITED STATES OF AMERICA

Manufacturer

Company Name | ChemSpec USA, Inc.
Address | 9287 Smucker Road
Orville, Ohio
44667

Telephone | 1 330 669 8512
Facsimile | 1 330 669 3965

Emergency Contact

Contact Name | CHEMTREC
Contact number | 1-800-424-9300

SECTION 2. HAZARDS IDENTIFICATION

Overall Nature | HAZARDOUS MIXTURE, DANGEROUS GOODS
Classification reference SANS10234 (1272/2008/EC)

Classification of the substance or mixture

(H225) Flammable liquids, Hazard Category 2
(H315) Skin corrosion/irritation, Hazard Category 2
(H319) Serious eye damage/eye irritation, Hazard Category 2
(H334) Sensitization  Respiration, Hazard Category 1
(H351) Carcinogenicity, Hazard Category 2
(H361d) Reproductive toxicity, Hazard Category 2
(H335) Specific target organ toxicity  Single exposure, Hazard Category 3, Respiratory tract irritation
(H373) Specific target organ toxicity  Repeated exposure, Hazard Category 2

GHS label elements, including precautionary statements

Signal word | Danger
Pictograms

Hazard and Precautionary Statements

Hazard Statements
Highly flammable liquid and vapor
Causes skin irritation
Causes serious eye irritation
May cause allergy or asthma symptoms or breathing difficulties if inhaled
Suspected of causing cancer
Suspected of damaging the unborn child.
May cause respiratory irritation
May cause damage to organs through prolonged or repeated exposure

Precautionary Statements

Prevention Statements
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment. – if the explosive is electrostatically sensitive.
Use explosion-proof electrical/ventilating/lighting/.../ equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Do not breathe dust/fume/gas/mist/vapors/spray.
Avoid breathing dust/fume/gas/mist/vapors/spray.
Wash ... thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.
Use personal protective equipment as required.
In case of inadequate ventilation wear respiratory protection.

Response Statements
IF ON SKIN: Wash with plenty of soap and water.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical advice/attention.
Call a POISON CENTER or doctor/physician if you feel unwell.
Get medical advice/attention if you feel unwell.
Specific treatment (see ... on this label). … Reference to supplemental first aid instruction.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
Take off contaminated clothing and wash before reuse.
In case of fire: Use powder/... for extinction.

Storage Statements
Store in a well-ventilated place. Keep container tightly closed. – if product is volatile so as to generate hazardous atmosphere.
Store in a well-ventilated place. Keep cool.
Store locked up.

Disposal Statements
Dispose of contents/container in accordance with local/regional/ national/international regulations in accordance with local/regional/ national/international regulations

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Product type : Mixture  Generic name : PAINT or PAINT RELATED MATERIAL
CAS No. : Not applicable  EU Index No : Not applicable  UN No : 1263

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>% m/m</th>
<th>EC Labels</th>
<th>CAS Number</th>
<th>EC Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-BUTYL ACETATE</td>
<td>10-30</td>
<td>Xn</td>
<td>123-86-4</td>
<td>607-025-00-1</td>
</tr>
<tr>
<td>ETHYL-3-ETHOXYPROPIONATE</td>
<td>10-30</td>
<td>-</td>
<td>000763-69-9</td>
<td></td>
</tr>
<tr>
<td>TOLUENE DI-ISOCYANATE MIXED ISOMERS</td>
<td>0.1-1.0 %</td>
<td>T+</td>
<td>26471-62-5</td>
<td>615-006-00-4</td>
</tr>
<tr>
<td>BUTANONE</td>
<td>&lt;20 %</td>
<td>F Xi</td>
<td>78-93-3</td>
<td>606-002-00-3</td>
</tr>
<tr>
<td>TOLUENE</td>
<td>&lt;5 %</td>
<td>F Xn</td>
<td>108-88-3</td>
<td>601-021-00-3</td>
</tr>
<tr>
<td>AROMATIC HYDROCARBON SOLVENT</td>
<td>&lt;20 %</td>
<td>Xn</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

Classification reference SANS10234 (1272/2008/EC) :

EC Index Classification | Hazard Code |
607-025-00-1 Flam. Liq. 3;STOT SE 3 | H226;H336 |
615-006-00-4 Flam. Liq. 2;Eye Irrit. 2;STOT SE 3;Skin Irrit. 2;Resp. Sens. 1;Skin Sens. 1;Aquatic Chronic 3 | H315;H335;H317;H412 |
606-002-00-3 Flam. Liq. 2;Eye Irrit. 2;STOT SE 3 | H225;H319;H336 |
601-021-00-3 Flam. Liq. 2;Repr. 2;Asp. Tox. 1;STOT RE 2;Skin Irrit. 2;STOT SE 3 | H225;H361d ;H304;H373 ;H315;H336 |

SECTION 4. FIRST AID MEASURES

Inhalation Move to fresh air. In case of any discomfort seek medical attention immediately.
Skin Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention.
Eyes ACT FAST! Rinse immediately with plenty of water. Refer immediately to Doctor.
Ingestion Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical advice.

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media :
Foam. Dry powder. Fog to cool and control. Do NOT use water jets.

Specific hazards arising from the chemical :
Containers can burst in a fire. Can form explosive vapor/air mixture. Static discharge hazard!
Highly flammable with toxic fumes.
Cool containers in case of fire.

Special protective actions for fire-fighters :
Suitable extinguishing media : Foam, dry agent
Substance reacts violently/is explosive
For fires use breathing apparatus. If no fire, breathing apparatus not essential
Prevent, by any means available, spillage from entering drains or water courses

SECTION 6. ACCIDENTAL RELEASE MEASURES

Wear protective equipment (see Section 8). Keep unprotected persons away.
Do not allow product to reach sewage system or any water course.
Remove ignition sources and provide sufficient ventilation
SECTION 7. HANDLING AND STORAGE

Storage:

Handling:
Ensure good ventilation/exhaustion at the workplace. Do not spray on a naked flame or any incandescent material. Eating, drinking and smoking in work areas is prohibited. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

Inhalation: Use respiratory protection. Handle with extreme care. Absorb any spillage at once.
Skin: Avoid direct contact. Use barrier cream and impervious gloves.
Eyes: Use goggles. Avoid direct contact.
Ingestion: Observe the rules of hygiene. Wash before eating, drinking or smoking.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS Number</th>
<th>TWA OEL (mg/m3)</th>
<th>TWA OEL (ppm)</th>
<th>STOEL (mg/m3)</th>
<th>STOEL (ppm)</th>
<th>OEL Type</th>
<th>Vap. Press. (mmHg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACTIVATOR</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Components</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Not applicable</td>
</tr>
<tr>
<td>n-BUTYL ACETATE</td>
<td>123-86-4</td>
<td>710.0</td>
<td>150.0</td>
<td>950.0</td>
<td>200.0</td>
<td>RL</td>
<td>87</td>
</tr>
<tr>
<td>ETHYL-3-ETHOXYPROPIONATE</td>
<td>000763-69-9</td>
<td>50</td>
<td>100</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>2.0</td>
</tr>
<tr>
<td>TOLUENE DI-ISOCYANATE MIXED ISOMERS.</td>
<td>26471-62-5</td>
<td>0.070</td>
<td>-</td>
<td>50</td>
<td>100</td>
<td>CL S</td>
<td>0.01</td>
</tr>
<tr>
<td>BUTANONE</td>
<td>78-93-3</td>
<td>590.0</td>
<td>200.0</td>
<td>885</td>
<td>300</td>
<td>RL+</td>
<td>105</td>
</tr>
<tr>
<td>TOLUENE</td>
<td>108-88-3</td>
<td>188</td>
<td>50</td>
<td>560</td>
<td>150</td>
<td>RL+ S</td>
<td>1.9</td>
</tr>
</tbody>
</table>

OEL Type: Mixture
Maintain air concentrations below occupational exposure standards, using engineering controls as necessary. Appropriate hand protection and protective clothing must always be used. Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.

Paint Type: Mixture of synthetic resins, pigments and solvents
General PPE Requirements: For Mixing, Brush Application, Roller Application, Pouring, etc.

Personal protective equipment:
Skin PPE: Overall and impervious gloves (e.g. nitrile rubber)
Respiratory PPE: Air purifying respirator (e.g. cartridge type)
Eye PPE: Face shield or solvent resistant goggles

HMIS Rating (USA): 2 - 4 - 0 - I (Health-Flam-Reactivity-PPE)
SAPMA Rating: 2-H-E PPE: Gloves, Respirator and Eye protection

SPRAY BOOTH
Spray booth Type: Spray booth complying with National Standards
Skin PPE: Nitrile Gloves
Eyes PPE: Face shield or solvent resistant goggles
Respiratory Protection: Air supplied full face piece or head covering respirator suitable for organic vapors/particulates

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Viscous liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Pungent</td>
</tr>
<tr>
<td>pH</td>
<td>not available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>&gt;35°C</td>
</tr>
</tbody>
</table>
Melting point not available
Flash point <23°C
Explosive prop not available
Oxidizing prop not available
Vapor pressure not available
Density not available
Water solubility not available
Fat solubility not available
Partition coefficient not available
Viscosity not available
Vapor density not available
Evaporation rate not available
Auto ignition temperature not available
L.E.L. not available
U.E.L. not available
% non volatile not available
Regulatory VOC 5.02 lbs./gal (602 g/L)

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
Prone to ignite by static
No reaction with fire-fighting water
Keep away from: explosives, toxic gases, oxidizing substances, organic peroxides, poisonous (toxic) substances, infectious substances (biohazards).

SECTION 11. TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS Number</th>
<th>LD50 Oral mg/kg</th>
<th>LD50 Skin mg/kg</th>
<th>LC50 Inhal (gas) ppmV</th>
<th>LC50 Inhal (mist) mg/l</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACTIVATOR</td>
<td>-</td>
<td>Not applicable</td>
<td>&gt;500</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Components</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>n-BUTYL ACETATE</td>
<td>123-86-4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ETHYL-3-ETHOXYPROPIONATE</td>
<td>000763-69-9</td>
<td>14000 mg (Rat)</td>
<td>&gt;500 mg (Rat)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOLUENE Di-ISOCYANATE MIXED ISOMERS.</td>
<td>26471-62-5</td>
<td>6170 mg (Rat)</td>
<td>&gt;500 mg (Rabbit)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BUTANONE</td>
<td>79-93-3</td>
<td>3400 mg (Rat)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOLUENE</td>
<td>108-88-3</td>
<td>7000 mg (Rat)</td>
<td></td>
<td>&gt;2000 mg (Rabbit)</td>
<td></td>
</tr>
</tbody>
</table>

Inhalation: HARMFUL. Contains ISOCYANATE. Sensitizer with accumulative effects.
Skin: HARMFUL BY CONTACT.
Eyes: Highly Irritating and risk of irreversible damage.
Ingestion: Harmful if swallowed. Can affect CNS. Systemic poison.

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove
Aquatic toxicity: No further relevant information available
Persistence and degradability: No further relevant information available.
Bioaccumulative potential: No further relevant information available.
Mobility in soil: No further relevant information available.

Available ecological data of ingredients:
<table>
<thead>
<tr>
<th>Name</th>
<th>CAS Number</th>
<th>Aquatic Toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOLUENE</td>
<td>108-88-3</td>
<td>LC50 fathead minnow = 25mg/L; 96 h</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LC50 rainbow trout = 24mg/L; 96 h</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LC50 bluegill = 24mg/L; 96 h</td>
</tr>
<tr>
<td></td>
<td></td>
<td>EC50 water flea = 11.3mg/L; 48 h</td>
</tr>
</tbody>
</table>

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

SECTION 14. TRANSPORT INFORMATION

| UN Number | 1263 |
| Shipping Name | PAINT or PAINT RELATED MATERIAL |
| IMO Class | 3.2 |
| Packing Group | II |
| Action Code | 127 |
| HazChem | 3[Y]E |
| Kemler Code | 30 |
| USA (DOT) | UN1263 |
SECTION 15. REGULATORY INFORMATION

CANADIAN DSL INVENTORY  Components are listed on inventory list
USA TSCA INVENTORY  Components are listed on inventory list

Canada
WHMIS  B-2 : Flammable liquid with Flash Point lower than 37.8°C (100°F)
D-2B : Material causing other toxic effects

SECTION 16. OTHER INFORMATION

CONTAINS ISOCYANATE - POTENTIAL SENSITISER - ENSURE PRECAUTIONS ARE TAKEN.
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.
PAY SPECIAL ATTENTION TO STORAGE AND HANDLING REQUIREMENTS.
HMIS Rating (USA) :    2 - 4 - 0 - I (Health-Flam-Reactivity-PPE)

Hazard (H) phrases associated with components
H225 : Highly flammable liquid and vapor
H226 : Flammable liquid and vapor
H304 : May be fatal if swallowed and enters airways
H315 : Causes skin irritation
H317 : May cause an allergic skin reaction
H319 : Causes serious eye irritation
H330 : Fatal if inhaled
H334 : May cause respiratory irritation
H335 : May cause respiratory irritation
H336 : May cause drowsiness or dizziness
H351 : Suspected of causing cancer
H361d : Suspected of damaging the unborn child.
H373 : May cause damage to organs through prolonged or repeated exposure
H412 : Harmful to aquatic life with long lasting effects

Abbreviations
Code : Abbreviation : Meaning
< : flammable
F : highly flammable
Tv : very toxic
Xi : irritant
Xn : harmful

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<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>%m/m</td>
<td>Percent by mass</td>
</tr>
<tr>
<td>ACGIH</td>
<td>American Conference of Governmental Industrial Hygienist</td>
</tr>
<tr>
<td>ATE</td>
<td>Acute Toxicity Estimate</td>
</tr>
<tr>
<td>CAS</td>
<td>Chemical Abstracts Service</td>
</tr>
<tr>
<td>CHIP</td>
<td>Chemicals (Hazard Information and Packaging for supply)</td>
</tr>
<tr>
<td>CLP</td>
<td>Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures</td>
</tr>
<tr>
<td>CNS</td>
<td>Central Nervous System</td>
</tr>
<tr>
<td>DIN</td>
<td>Standard of the German Institute for Standardization</td>
</tr>
<tr>
<td>DOT</td>
<td>Department of Transport</td>
</tr>
<tr>
<td>EC</td>
<td>European Community</td>
</tr>
<tr>
<td>EC50</td>
<td>Effective Concentration (Median) for 50% of the response under test</td>
</tr>
<tr>
<td>EEC</td>
<td>European Economic Community</td>
</tr>
<tr>
<td>ELINCS</td>
<td>European List of Notified Chemical Substances</td>
</tr>
<tr>
<td>EINECS</td>
<td>European Inventory of Existing Chemical Substances</td>
</tr>
<tr>
<td>ELSAM</td>
<td>European List of Notified Chemical Substances</td>
</tr>
<tr>
<td>GHS</td>
<td>Globally Harmonized System of Classification and Labelling of Chemicals</td>
</tr>
<tr>
<td>HMIS</td>
<td>Hazardous Materials Information System (USA only)</td>
</tr>
<tr>
<td>IATA</td>
<td>International Air Transport Association</td>
</tr>
<tr>
<td>IMDG</td>
<td>International Maritime Dangerous Goods Code</td>
</tr>
<tr>
<td>IMO</td>
<td>International Maritime Organization</td>
</tr>
<tr>
<td>INS</td>
<td>Guidance on Identification and Naming of Substances under REACH, ECHA, 2007</td>
</tr>
<tr>
<td>ISO</td>
<td>International Standards Organization</td>
</tr>
<tr>
<td>L.E.L.</td>
<td>Lower explosive limit</td>
</tr>
<tr>
<td>LD50/LO50</td>
<td>Median (50%) lethal dose/concentration</td>
</tr>
</tbody>
</table>

OEL’s derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42). All information is given in good faith but without guarantee in respect of accuracy. No responsibility is accepted for errors or omissions or the consequences thereof.

While all information is accurate to the best of our knowledge, we continue updating ALL SDS document formats in accordance with the most recent GHS mandated changes.

(Date of issue: 2/16/2015   Date of Revision: 07/20/2016)