

## SAFETY DATA SHEET

**AM100 RIDDELL SCARLET**

Version Number 1.0  
Revision Date 09/28/2015

Page 1 of 19  
Print Date 09/29/2015

# SAFETY DATA SHEET

## AM100 RIDDELL SCARLET

### Section 1. Identification

**GHS product identifier** : AM100 RIDDELL SCARLET  
**Chemical name** : Mixture  
**CAS number** : Mixture  
**Other means of identification** : FO00013055  
**Product type** : solid

**Relevant identified uses of the substance or mixture and uses advised against**

**Product use** : Industrial applications. Plastics.

**Supplier's details** : **POLYONE CORPORATION**  
 33587 Walker Road, Avon Lake, OH 44012  
 1 (440) 930-1000 or 1 (866) POLYONE

**Emergency telephone number (with hours of operation)** : **CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).**CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).

### Section 2. Hazards identification

This mixture has not been evaluated as a whole. Information provided on the health effects of this product is based on individual components. All ingredients are bound and potential for hazardous exposure as shipped is minimal. However, some vapors may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure. After handling, always wash hands thoroughly with soap and water.

**OSHA/HCS status** : This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

**Classification of the substance or mixture** : COMBUSTIBLE DUSTS  
 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A  
 CARCINOGENICITY - Category 2  
 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 3

## SAFETY DATA SHEET

**AM100 RIDDELL SCARLET**

Version Number 1.0  
Revision Date 09/28/2015

Page 2 of 19  
Print Date 09/29/2015

**GHS label elements**
**Hazard pictograms**


- Signal word** : Warning
- Hazard statements** : May form combustible dust concentrations in air.  
Causes serious eye irritation.  
Suspected of causing cancer.  
May cause drowsiness or dizziness.

**Precautionary statements**

- General** : Not applicable.
- Prevention** : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wear eye or face protection. Use only outdoors or in a well-ventilated area. Avoid breathing dust. Wash hands thoroughly after handling.
- Response** : IF exposed or concerned: Get medical attention. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.
- Storage** : Store in a well-ventilated place.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Supplemental label elements** : Keep container tightly closed.
- Hazards not otherwise classified** : Fine dust clouds may form explosive mixtures with air. Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat.

**Section 3. Composition/information on ingredients**

- Substance/mixture** : Mixture
- Chemical name** : Mixture
- Other means of identification** : FO00013055

**CAS number/other identifiers**

## SAFETY DATA SHEET

## AM100 RIDDELL SCARLET

Version Number 1.0  
Revision Date 09/28/2015

Page 3 of 19  
Print Date 09/29/2015

Ingredient name	%	CAS number
Methyl ethyl ketone	30 - 60	78-93-3
Di(2-ethylhexyl)phthalate	0.1 - 1	117-81-7

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

**There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.**

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
- Skin contact** : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Continue to rinse for at least 10 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting.

## SAFETY DATA SHEET

### AM100 RIDDELL SCARLET

Version Number 1.0  
Revision Date 09/28/2015

Page 4 of 19  
Print Date 09/29/2015

unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

#### Most important symptoms/effects, acute and delayed

##### Potential acute health effects

- |                     |   |   |
|---------------------|---|---|
| <b>Eye contact</b>  | : | Causes serious eye irritation.  |
| <b>Inhalation</b>   | : | Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure. |
| <b>Skin contact</b> | : | No known significant effects or critical hazards.   |
| <b>Ingestion</b>    | : | Can cause central nervous system (CNS) depression. Irritating to mouth, throat and stomach.   |

##### Over-exposure signs/symptoms

- |                     |   |   |
|---------------------|---|---|
| <b>Eye contact</b>  | : | Adverse symptoms may include the following:<br>pain or irritation<br>watering<br>redness  |
| <b>Inhalation</b>   | : | Adverse symptoms may include the following:<br>respiratory tract irritation<br>coughing<br>nausea or vomiting<br>headache<br>drowsiness/fatigue<br>dizziness/vertigo<br>unconsciousness |
| <b>Skin contact</b> | : | No specific data.   |
| <b>Ingestion</b>    | : | No specific data.   |

#### Indication of immediate medical attention and special treatment needed, if necessary

- |                            |   |   |
|----------------------------|---|---|
| <b>Notes to physician</b>  | : | In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. |
| <b>Specific treatments</b> | : | No specific treatment.  |

## SAFETY DATA SHEET

### AM100 RIDDELL SCARLET

Version Number 1.0  
Revision Date 09/28/2015

Page 5 of 19  
Print Date 09/29/2015

- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

### Extinguishing media

- Suitable extinguishing media** : Use dry chemical powder.  
**Unsuitable extinguishing media** : Do not use water jet.

### **Specific hazards arising from the chemical**

- Hazardous thermal decomposition products** : Fine dust clouds may form explosive mixtures with air.  
: May emit Hydrogen Chloride (HCl).  
Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
nitrogen oxides  
halogenated compounds

### **Special protective actions for fire-fighters**

- : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

### **Special protective equipment for fire-fighters**

- : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## Section 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is

## SAFETY DATA SHEET

### AM100 RIDDELL SCARLET

Version Number 1.0  
Revision Date 09/28/2015

Page 6 of 19  
Print Date 09/29/2015

- For emergency responders** : inadequate. Put on appropriate personal protective equipment. If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

#### Methods and materials for containment and cleaning up

- Small spill** : Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

## Section 7. Handling and storage

#### Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding

## SAFETY DATA SHEET

## AM100 RIDDELL SCARLET

Version Number 1.0  
Revision Date 09/28/2015

Page 7 of 19  
Print Date 09/29/2015

- containers and equipment before transferring material. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store in a well-ventilated place. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

Ingredient name	Exposure limits
Methyl ethyl ketone	<p><b>OSHA PEL 1989 (1989-03-01)</b>            PEL: Permissible Exposure Level 590 mg/m<sup>3</sup> 200 ppm  <b>Short Term Exposure Limit value for a 15-minute reference period expressed in parts per million or in mg/m<sup>3</sup>. 885 mg/m<sup>3</sup> 300 ppm</b></p> <p><b>OSHA PEL (1993-06-30)</b>            PEL: Permissible Exposure Level 590 mg/m<sup>3</sup> 200 ppm</p> <p><b>NIOSH REL (1994-06-01)</b>            Time Weighted Average (TWA) 590 mg/m<sup>3</sup> 200 ppm  <b>Short Term Exposure Limit value for a 15-minute reference period expressed in parts per million or in mg/m<sup>3</sup>. 885 mg/m<sup>3</sup> 300 ppm</b></p> <p><b>ACGIH TLV (1994-09-01)</b>            TLV-TWA: Threshold Limit Value - Time weighted average PEL:            Permissible Exposure Level 590 mg/m<sup>3</sup> 200 ppm  <b>TLV-STEL: Threshold Limit Value - Short Time Exposure Level</b>            885 mg/m<sup>3</sup> 300 ppm</p>

## SAFETY DATA SHEET

**AM100 RIDDELL SCARLET**

Version Number 1.0  
Revision Date 09/28/2015

Page 8 of 19  
Print Date 09/29/2015

Di(2-ethylhexyl)phthalate	<p><b>OSHA PEL 1989 (1989-03-01)</b>            PEL: Permissible Exposure Level 5 mg/m<sup>3</sup>  <b>Short Term Exposure Limit value for a 15-minute reference period expressed in parts per million or in mg/m<sup>3</sup>. 10 mg/m<sup>3</sup></b>  <b>OSHA PEL (1993-06-30)</b>            PEL: Permissible Exposure Level 5 mg/m<sup>3</sup>  <b>NIOSH REL (1994-06-01)</b>            Time Weighted Average (TWA) 5 mg/m<sup>3</sup>  <b>Short Term Exposure Limit value for a 15-minute reference period expressed in parts per million or in mg/m<sup>3</sup>. 10 mg/m<sup>3</sup></b>  <b>ACGIH TLV (1999-03-01)</b>            TLV-TWA: Threshold Limit Value - Time weighted average PEL:            Permissible Exposure Level 5 mg/m<sup>3</sup></p>

- Appropriate engineering controls** : Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**Individual protection measures**

- Hygiene measures** : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
- Eye/face protection** : Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles. If operating conditions cause high dust concentrations to be produced, use dust



## SAFETY DATA SHEET

**AM100 RIDDELL SCARLET**

Version Number 1.0  
Revision Date 09/28/2015

Page 9 of 19  
Print Date 09/29/2015

goggles.

**Skin protection**

- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**Section 9. Physical and chemical properties**
**Appearance**

- Physical state** : solid [Powder.]
- Color** : RED
- Odor** : Not available.
- Odor threshold** : Not available.
- pH** : Not available.
- Melting point** : Not available.
- Boiling point** : Not available.
- Flash point** : Closed cup: -9 °C (15.80 °F)
- Burning time** : Not available.
- Burning rate** : Not available.
- Evaporation rate** : Not available.
- Flammability (solid, gas)** : Not available.
- Lower and upper explosive (flammable) limits** : **Lower:** Not available.  
**Upper:** Not available.

## SAFETY DATA SHEET

### AM100 RIDDELL SCARLET

Version Number 1.0  
Revision Date 09/28/2015

Page 10 of 19  
Print Date 09/29/2015

Vapor pressure	:	Not available.
Vapor density	:	Not available.
Relative density	:	Not available.
Solubility	:	Not available.
Solubility in water	:	Not available.
Partition coefficient: n-octanol/water	:	Not available.
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
SADT	:	Not available.
Viscosity	:	<b>Dynamic:</b> Not available. <b>Kinematic:</b> Not available.

## Section 10. Stability and reactivity

Reactivity	:	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	:	Stable under recommended storage and handling conditions (see Section 7).
Possibility of hazardous reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	:	Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Prevent dust accumulation.
Incompatible materials	:	Avoid contact with acetal homopolymers and acetyl homopolymers during processing. Reactive or incompatible with the following materials: oxidizing materials
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11. Toxicological information

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
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## SAFETY DATA SHEET

## AM100 RIDDELL SCARLET

Version Number 1.0  
Revision Date 09/28/2015

Page 11 of 19  
Print Date 09/29/2015

Methyl ethyl ketone				
	LD50 Oral	Rat	2,737 mg/kg	-
	LC50 Inhalation	Rat	24 mg/l	8 h
	LD50 Dermal	Rabbit	6,480 mg/kg	-
Di(2-ethylhexyl)phthalate				
	LD50 Oral	Rat	30,000 mg/kg	-
	LD50 Dermal	Rabbit	25,000 mg/kg	-

**Conclusion/Summary** : Mixture.Not fully tested.

**Irritation/Corrosion**

Product/ingredient name	Result	Species	Score	Exposure	Observation
Methyl ethyl ketone	Skin - Moderate irritant	Rabbit		24 hrs	-
Di(2-ethylhexyl)phthalate	Eyes - Mild irritant	Rabbit		24 hrs	-
	Skin - Mild irritant	Rabbit		24 hrs	-

**Conclusion/Summary**

**Skin** : Mixture.Not fully tested.  
**Eyes** : Mixture.Not fully tested.  
**Respiratory** : Mixture.Not fully tested.

**Sensitization****Conclusion/Summary**

**Skin** : Mixture.Not fully tested.  
**Respiratory** : Mixture.Not fully tested.

**Mutagenicity**

**Conclusion/Summary** : Mixture.Not fully tested.

**Carcinogenicity**

**Conclusion/Summary** : Mixture.Not fully tested.

**Classification**

Product/ingredient name	OSHA	IARC	NTP
Di(2-ethylhexyl)phthalate		2B	Reasonably anticipated to be a human carcinogen.

**Reproductive toxicity**

**Conclusion/Summary** : Mixture.Not fully tested.

## SAFETY DATA SHEET

### AM100 RIDDELL SCARLET

Version Number 1.0  
Revision Date 09/28/2015

Page 12 of 19  
Print Date 09/29/2015

#### Teratogenicity

**Conclusion/Summary** : Mixture. Not fully tested.

#### Specific target organ toxicity (single exposure)

Product/ingredient name	Category	Route of exposure	Target organs
Methyl ethyl ketone	Category 3		Narcotic effects

#### Specific target organ toxicity (repeated exposure)

Not available.

#### Aspiration hazard

Not available.

**Information on the likely routes of exposure** : Not available.

#### Potential acute health effects

**Eye contact** : Causes serious eye irritation.  
**Inhalation** : Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.  
**Skin contact** : No known significant effects or critical hazards.  
**Ingestion** : Can cause central nervous system (CNS) depression., Irritating to mouth, throat and stomach.

#### Symptoms related to the physical, chemical and toxicological characteristics

**Eye contact** : Adverse symptoms may include the following:  
 pain or irritation  
 watering  
 redness  
**Inhalation** : Adverse symptoms may include the following:  
 respiratory tract irritation  
 coughing  
 nausea or vomiting  
 headache  
 drowsiness/fatigue  
 dizziness/vertigo  
 unconsciousness

## SAFETY DATA SHEET

### AM100 RIDDELL SCARLET

Version Number 1.0  
Revision Date 09/28/2015

Page 13 of 19  
Print Date 09/29/2015

**Skin contact** : No specific data.  
**Ingestion** : No specific data.

#### Delayed and immediate effects and also chronic effects from short and long term exposure

##### Short term exposure

**Potential immediate effects** : Not available.  
**Potential delayed effects** : Not available.

##### Long term exposure

**Potential immediate effects** : Not available.  
**Potential delayed effects** : Not available.

##### Potential chronic health effects

**Conclusion/Summary** : Mixture. Not fully tested.  
**General** : Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.  
**Carcinogenicity** : Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.  
**Mutagenicity** : No known significant effects or critical hazards.  
**Teratogenicity** : No known significant effects or critical hazards.  
**Developmental effects** : No known significant effects or critical hazards.  
**Fertility effects** : No known significant effects or critical hazards.

#### Numerical measures of toxicity

##### Acute toxicity estimates

Route	ATE value
Oral	4,752 mg/kg

## Section 12. Ecological information

### Toxicity

Product/ingredient name	Result	Species	Exposure
Methyl ethyl ketone	Acute LC50 3,220,000 µg/l Fresh	Fish - Fish	96 h

## SAFETY DATA SHEET

## AM100 RIDDELL SCARLET

Version Number 1.0  
Revision Date 09/28/2015

Page 14 of 19  
Print Date 09/29/2015

	water		
	Acute LC50 5,600 mg/l Fresh water	Fish - Fish	96 h
	Acute EC50 5,091,000 µg/l Fresh water	Aquatic invertebrates. Daphnia	48 h
	Acute EC50 > 500,000 µg/l Marine water	Aquatic plants - Algae	96 h
	Acute EC50 > 500 mg/l Fresh water	Aquatic plants - Algae	96 h
Di(2-ethylhexyl)phthalate			
	Acute LC50 690 µg/l Fresh water	Fish - Channel catfish	96 h
	Acute LC50 32,900 µg/l Fresh water	Fish - Largemouth bass	96 h
	Acute LC50 139,500 µg/l Fresh water	Fish - Rainbow trout,donaldson trout	96 h
	Acute LC50 42,100 µg/l Fresh water	Fish - Largemouth bass	96 h
	Acute LC50 6,180 µg/l Fresh water	Fish - Goldfish	96 h
	Acute LC50 11,000 µg/l Fresh water	Aquatic invertebrates. Water flea	48 h
	Acute EC50 133 µg/l Fresh water	Aquatic invertebrates. Water flea	48 h
	Acute EC50 2 mg/l Fresh water	Aquatic invertebrates. Water flea	48 h
	Acute EC50 31,000,000 µg/l Marine water	Aquatic plants - Dinoflagellate	96 h
	Chronic No-observable-effect-concentration 598.2 µg/l Fresh water	Fish - Rainbow trout,donaldson trout	90 d
	Chronic No-observable-effect-concentration 502 µg/l Fresh water	Fish - Rainbow trout,donaldson trout	49 d
	Chronic No-observable-effect-concentration 502 µg/l Fresh water	Fish - Rainbow trout,donaldson trout	42 d
	Chronic No-observable-effect-concentration 502 µg/l Fresh water	Fish - Rainbow trout,donaldson trout	90 d
	Chronic No-observable-effect-concentration 77 µg/l Fresh water	Aquatic invertebrates. Water flea	21 d
	Chronic No-observable-effect-concentration 0.64 mg/l Fresh water	Aquatic invertebrates. Water flea	21 d
	Chronic No-observable-effect-concentration 0.64 mg/l Fresh water	Aquatic invertebrates. Water flea	21 d

Conclusion/Summary : Not available.

## SAFETY DATA SHEET

### AM100 RIDDELL SCARLET

Version Number 1.0  
Revision Date 09/28/2015

Page 15 of 19  
Print Date 09/29/2015

#### Persistence and degradability

**Conclusion/Summary** : Not available.

#### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
Methyl ethyl ketone	0.29	-	low
Di(2-ethylhexyl)phthalate	7.6	1,380.00	high

#### Mobility in soil

**Soil/water partition coefficient (KOC)** : Not available.  
**Other adverse effects** : No known significant effects or critical hazards.

## Section 13. Disposal considerations

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**United States - RCRA Acute hazardous waste "P" List:** Not listed

**United States - RCRA Toxic hazardous waste "U" List:** Listed

Ingredient	CAS #	Status	Reference number
Methyl ethyl ketone	78-93-3	Listed	

## Section 14. Transport information

## SAFETY DATA SHEET

**AM100 RIDDELL SCARLET**

Version Number 1.0  
Revision Date 09/28/2015

Page 16 of 19  
Print Date 09/29/2015

U.S. DOT Classification	
Proper Shipping Name:	Resin solution
Technical Name:	
Hazard Class / Division	3
UN Number	UN1866
Packing Group	II
Label Required	3
ICAO/IATA	Consult mode specific transport rules
IMO/IMDG (maritime)	Consult mode specific transport rules

**Section 15. Regulatory information**

**U.S. Federal regulations** :

- United States - TSCA 12(b) - Chemical export notification:** None of the components are listed.
- United States - TSCA 4(a) - Final Test Rules:** Listed **1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich Diisononyl phthalate**
- United States - TSCA 4(a) - ITC Priority list:** Not listed
- United States - TSCA 4(a) - Proposed test rules:** Not listed
- United States - TSCA 4(f) - Priority risk review:** Not listed
- United States - TSCA 5(a)2 - Final significant new use rules:** Not listed
- United States - TSCA 5(a)2 - Proposed significant new use rules:** Not listed
- United States - TSCA 5(e) - Substances consent order:** Not listed
- United States - TSCA 6 - Final risk management:** Not listed
- United States - TSCA 6 - Proposed risk management:** Not listed
- United States - TSCA 8(a) - Chemical risk rules:** Not listed
- United States - TSCA 8(a) - Dioxin/Furane precursor:** Not listed
- United States - TSCA 8(a) - Chemical Data Reporting (CDR):** Not determined
- United States - TSCA 8(a) - Preliminary assessment report (PAIR):** Not listed
- United States - TSCA 8(c) - Significant adverse reaction (SAR):** Not listed
- United States - TSCA 8(d) - Health and safety studies:** Not listed
- United States - EPA Clean water act (CWA) section 307 - Priority pollutants:** Listed **Di(2-ethylhexyl)phthalate**
- United States - EPA Clean water act (CWA) section 311 -**



## SAFETY DATA SHEET

**AM100 RIDDELL SCARLET**

Version Number 1.0  
Revision Date 09/28/2015

Page 17 of 19  
Print Date 09/29/2015

**Hazardous substances:** Listed  
**United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Flammable substances:** Not listed  
**United States - EPA Clean air act (CAA) section 112 - Accidental release prevention - Toxic substances:** Not listed  
**United States - Department of commerce - Precursor chemical:** Not listed

**Clean Air Act Section 112(b) Hazardous Air Pollutants (HAPs)** : Not listed  
**Clean Air Act Section 602 Class I Substances** : Not listed  
**Clean Air Act Section 602 Class II Substances** : Not listed  
**DEA List I Chemicals (Precursor Chemicals)** : Not listed  
**DEA List II Chemicals (Essential Chemicals)** : Listed

**US. EPA CERCLA Hazardous Substances (40 CFR 302)**

Chemical Name	CAS-No.	RQ for component
Methyl ethyl ketone	78-93-3	5,000 lb(s) 2,270 kg 2,270 kg 5,000 lb(s)
Di(2-ethylhexyl)phthalate	117-81-7	100 lb(s) 45.4 kg

**SARA 311/312**

**Classification** : Fire hazard  
Immediate (acute) health hazard  
Delayed (chronic) health hazard

**Composition/information on ingredients**

Name	%	Classification
Methyl ethyl ketone	30 - 60	F, AH
Di(2-ethylhexyl)phthalate	0.1 - 1	AH, CH

## SAFETY DATA SHEET

**AM100 RIDDELL SCARLET**

Version Number 1.0  
Revision Date 09/28/2015

Page 18 of 19  
Print Date 09/29/2015

**SARA 313**

	<b>Product name</b>	<b>CAS number</b>	<b>%</b>
<b>Form R - Reporting requirements</b>	Di(2-ethylhexyl)phthalate	117-81-7	0.1 - 1
<b>Supplier notification</b>	Di(2-ethylhexyl)phthalate	117-81-7	0.1 - 1

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

**State regulations****Massachusetts**

- : The following components are listed:  
Methyl ethyl ketone

**New York**

- : The following components are listed:  
Methyl ethyl ketone  
Di(2-ethylhexyl)phthalate

**New Jersey**

- : The following components are listed:  
Methyl ethyl ketone  
Di(2-ethylhexyl)phthalate  
Isopropanol

**Pennsylvania**

- : The following components are listed:  
Methyl ethyl ketone

Di(2-ethylhexyl)phthalate

Isopropanol

**California Prop. 65**

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

**United States inventory (TSCA 8b)** : All components are listed or exempted.

**Canada inventory** : All components are listed or exempted.

**International regulations****International lists**

- : **Australia inventory (AICS):** All components are listed or exempted.
- : **Taiwan inventory (CSNN):** All components are listed or exempted.
- : **Malaysia Inventory (EHS Register):** Not determined.
- : **EINECS:** All components are listed or exempted.
- : **Japan inventory:** Not determined.
- : **China inventory (IECSC):** All components are listed or exempted.
- : **Korea inventory:** All components are listed or exempted.

## SAFETY DATA SHEET

**AM100 RIDDELL SCARLET**

Version Number 1.0  
Revision Date 09/28/2015

Page 19 of 19  
Print Date 09/29/2015

**New Zealand Inventory of Chemicals (NZIoC):** All components are listed or exempted.

**Philippines inventory (PICCS):** All components are listed or exempted.

**Chemical Weapons Convention List Schedule I Chemicals** : Not listed  
**Chemical Weapons Convention List Schedule II Chemicals** : Not listed  
**Chemical Weapons Convention List Schedule III Chemicals** : Not listed

## Section 16. Other information

### History

**Date of printing** : 09/29/2015  
**Date of issue/Date of revision** : 09/28/2015  
**Date of previous issue** : 00/00/0000  
**Version** : 1.0

**Key to abbreviations** : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
UN = United Nations

**References** : Not available.

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