

## Section 1 ~ Identification

<b>Identity (As Used On Label and List)</b> <b>MM5036 MILITARY VEHICLE FLAT BLACK</b>	<b>Date Prepared:</b> 1/03/25
<b>Company Information:</b> OMEGA INDUSTRIAL SUPPLY, INC	<b>Emergency Telephone Number:</b> 1-800-424-9300
<b>Address (Number, Street, Suite/Apt#)</b> 1133 WEST 27 <sup>TH</sup> STREET	<b>Telephone Number for Information:</b> 1-800-571-7347
<b>(City, State, and Zip Code)</b> CHEYENNE, WY 82001	<b>Signature of Prepare (Optional)</b> REGULATORY DEPT.

## Section 2 ~ Hazard(s) Identification

### Classifications

#### GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

- Flammable gases (chapter 2.2), Cat. 1
- Gases under pressure (chapter 2.5), compressed gas
- Aspiration hazard (chapter 3.10), Cat. 2
- Skin corrosion/irritation (chapter 3.2), Cat. 2
- Eye damage/irritation (chapter 3.3), Cat. 2B
- Sensitization, respiratory (chapter 3.4), Cat. 1
- Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3
- Germ cell mutagenicity (chapter 3.5), Cat. 2
- Carcinogenicity (chapter 3.6), Cat. 2
- Specific target organ toxicity, repeated exposure (chapter 3.9), Cat. 1
- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 3

### Label Elements

**Signal Word: DANGER**



### Hazard Statement

- H220 Extremely flammable gas
- H222 Extremely flammable aerosol
- H280 Contains gas under pressure; may explode if heated
- H305 May be harmful if swallowed and enters airways
- H315 Causes skin irritation
- H320 Causes eye irritation
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
- H335 May cause respiratory irritation
- H336 May cause drowsiness or dizziness
- H341 Suspected of causing genetic defects
- H351 Suspected of causing cancer
- H372 Causes damage to organs through prolonged or repeated exposure
- H402 Harmful to aquatic life

### Precautionary Statement

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P210 Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
- P260 Do not breathe dust/fume/gas/mist/vapours/spray.
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 Wash ... thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P271 Use only outdoors or in a well-ventilated area.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P284 [In case of inadequate ventilation] wear respiratory protection.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/...
- P302+P352 IF ON SKIN: Wash with plenty of water/...
- P304+P340 IF INHALED: Remove person to fresh air and keep 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.
- P308+P313 IF exposed or concerned: Get medical advice/attention.
- P312 Call a POISON CENTER/doctor/... if you feel unwell.
- P314 Get medical advice/attention if you feel unwell.
- P321 Specific treatment (see ... on this label).
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P342+P311 If experiencing respiratory symptoms: Call a POISON CENTER/doctor/...
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P377 Leaking gas fire: Do not extinguish, unless leak can be stopped safely.
- P381 Eliminate all ignition sources if safe to do so.
- P403 Store in a well ventilated place.
- P403+P233 Store in a well ventilated place. Keep container tightly closed.
- P405 Store locked up.
- P410+P403 Protect from sunlight. Store in a well ventilated place.
- P501 Dispose of contents/container to ...

### Other Hazards

**Unknown acute toxicity (GHS US)**

N/A  
N/A

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**Section 3 ~ Composition/Information on Ingredients**

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**Hazardous components****1. ACETONE****Concentration:** 40 - 45 %**EC no:** 200-662-2**CAS no:** 67-64-1**Index no:** 606-001-00-8

- Flammable liquids (chapter 2.6), Cat. 2
  - Eye damage/irritation (chapter 3.3), Cat. 2
  - Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3
- H225 Highly flammable liquid and vapor  
H319 Causes serious eye irritation  
H336 May cause drowsiness or dizziness

**2. Propane, liquid****Concentration:** 16.5 - 18 %**EC no:** 200-827-9**CAS no:** 74-98-6**Index no:** 601-003-00-5

- Flammable gases (chapter 2.2), Cat. 1
  - Press. Gas
- H220 Extremely flammable gas

**3. XYLENES (MIXED)****Concentration:** 9.75 - 10.25 %**EC no:** 215-535-7**CAS no:** 1330-20-7**Index no:** 601-022-00-9

- Flammable liquids (chapter 2.6), Cat. 3
  - Acute toxicity (chapter 3.1), Cat. 4
  - Skin corrosion/irritation (chapter 3.2), Cat. 2
- H226 Flammable liquid and vapor  
H312 Harmful in contact with skin  
H315 Causes skin irritation  
H332 Harmful if inhaled

**4. METHYL ETHYL KETONE****Concentration:** 5.5 - 6 %**EC no:** 201-159-0**CAS no:** 78-93-3**Index no:** 606-002-00-3

- Flammable liquids (chapter 2.6), Cat. 2
  - Eye damage/irritation (chapter 3.3), Cat. 2
  - Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3
- H225 Highly flammable liquid and vapor  
H319 Causes serious eye irritation  
H336 May cause drowsiness or dizziness

**5. TOLUENE****Concentration:** 3.85 - 4.15 %**EC no:** 203-625-9**CAS no:** 108-88-3**Index no:** 601-021-00-3

- Flammable liquids (chapter 2.6), Cat. 2
  - Toxic to reproduction (chapter 3.7), Cat. 2
  - Aspiration hazard (chapter 3.10), Cat. 1
  - Specific target organ toxicity, repeated exposure (chapter 3.9), Cat. 2
  - Skin corrosion/irritation (chapter 3.2), Cat. 2
  - Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3
- H225 Highly flammable liquid and vapor  
H304 May be fatal if swallowed and enters airways  
H315 Causes skin irritation  
H336 May cause drowsiness or dizziness  
H361d Suspected of damaging the unborn child  
H373 May cause damage to organs through prolonged or repeated exposure

**6. ETHYLBENZENE****Concentration:** 1.5 - 2 %**EC no:** 202-849-4**CAS no:** 100-41-4**Index no:** 601-023-00-4

- Flammable liquids (chapter 2.6), Cat. 2
  - Acute toxicity (chapter 3.1), Cat. 4
- H225 Highly flammable liquid and vapor  
H332 Harmful if inhaled

**7. 1,2,4-Trimethylbenzene****Concentration:** 1.17 - 1.25 %**EC no:** 202-436-9**CAS no:** 95-63-6**Index no:** 601-043-00-3

- Flammable liquids (chapter 2.6), Cat. 3
- Acute toxicity (chapter 3.1), Cat. 4
- Eye damage/irritation (chapter 3.3), Cat. 2
- Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3
- Skin corrosion/irritation (chapter 3.2), Cat. 2
- Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 2

H226 Flammable liquid and vapor

H315 Causes skin irritation

H319 Causes serious eye irritation

H332 Harmful if inhaled

H335 May cause respiratory irritation

H411 Toxic to aquatic life with long lasting effects

**8. Propanoic acid, 3-ethoxy-, ethyl ester****Concentration:** 0.8 - 1 %**CAS no:** 763-69-9**9. LIGHT AROMATIC HYDROCARBONS****Concentration:** 0.7 - 1 %**CAS no:** 64742-95-6**10. Carbon black (airborne, unbound particles of respirable size)****Concentration:** 0.3 - 0.4 %**CAS no:** 1333-86-4**11. 2-methoxy-1-methylethyl acetate****Concentration:** 0.3 - 0.4 %**EC no:** 203-603-9**CAS no:** 108-65-6**Index no:** 607-195-00-7

- Flammable liquids (chapter 2.6), Cat. 3
- Eye damage/irritation (chapter 3.3), Cat. 2
- Toxic to reproduction (chapter 3.7), Cat. 1B

H226 Flammable liquid and vapor

H319 Causes serious eye irritation

H360 May damage fertility or the unborn child

**12. Cumene****Concentration:** 0.15 - 0.175 %**EC no:** 202-704-5**CAS no:** 98-82-8**Index no:** 601-024-00-X

- Flammable liquids (chapter 2.6), Cat. 3
- Aspiration hazard (chapter 3.10), Cat. 1
- Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3
- Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 2

H226 Flammable liquid and vapor

H304 May be fatal if swallowed and enters airways

H335 May cause respiratory irritation

H411 Toxic to aquatic life with long lasting effects

**13. Silica, crystalline (airborne particles of respirable size)****Concentration:** 0.06 - 0.08 %**CAS no:** 14808-60-7

H350 May cause cancer

H361 Suspected of damaging fertility or the unborn child

**14. NAPHTHALENE****Concentration:** 0.03 - 0.05 %**EC no:** 202-049-5**CAS no:** 91-20-3**Index no:** 601-052-00-2

- Carcinogenicity (chapter 3.6), Cat. 2
- Acute toxicity (chapter 3.1), Cat. 4
- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 1
- Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 1

H302 Harmful if swallowed

H351 Suspected of causing cancer

H400 Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

**Trade secret statement (OSHA 1910.1200(i))**

Any concentration shown with Min and Max range is to protect confidentiality or is due to batch variance. 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 and hence require reporting in this section.

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## Section 4 ~ First Aid Measures

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### Description of necessary first-aid measures

**General advice:** Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

**If inhaled:** If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact:** Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

**In case of eye contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**If swallowed:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**Personal protective equipment for first-aid responders:** Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

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

Consult a physician. Show this safety data sheet to the doctor in attendance.

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## Section 5 ~ Firefighting Measures

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### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### Specific hazards arising from the chemical

Carbon oxides

### Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

### Further information

Use water spray to cool unopened containers.

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## Section 6 ~ Accidental Release Measures

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### Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas.

Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. For personal protection see section 8.

### Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

### Methods and materials for containment and cleaning up

Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

### Reference to other sections

For disposal see section 13.

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## Section 7 ~ Handling and Storage

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### Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Use explosion-proof equipment. Keep away from sources of ignition - No smoking. Take measures to prevent the build up of electrostatic charge. For precautions see section 2.2.

### Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Storage class (TRGS 510): Flammable liquids

### Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

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## Section 8 ~ Exposure Controls/Personal Protection

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### Control parameters

#### 1. Acetone (CAS: 67-64-1)

PEL (Inhalation): 1000 ppm (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

#### 2. Acetone (CAS: 67-64-1)

PEL (Inhalation): 2400 mg/m<sup>3</sup> (OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

#### 3. Acetone (CAS: 67-64-1)

PEL (Inhalation): 500 ppm, (ST) 750 ppm, (C) 3000 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

#### 4. Acetone (CAS: 67-64-1)

REL (Inhalation): 250 ppm (NIOSH)

OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**5. Propane (CAS: 74-98-6)**

PEL (Inhalation): 1000 ppm (OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**6. Propane (CAS: 74-98-6)**

PEL (Inhalation): 1800 mg/m<sup>3</sup> (OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**7. Propane (CAS: 74-98-6)**

PEL (Inhalation): 1000 ppm (Cal/OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**8. Propane (CAS: 74-98-6)**

REL (Inhalation): 1000 ppm (NIOSH)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**9. 2-Butanone (Methyl ethyl ketone) (CAS: 78-93-3)**

PEL (Inhalation): 200 ppm (OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**10. 2-Butanone (Methyl ethyl ketone) (CAS: 78-93-3)**

PEL (Inhalation): 590 mg/m<sup>3</sup> (OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**11. 2-Butanone (Methyl ethyl ketone) (CAS: 78-93-3)**

PEL (Inhalation): 200 ppm, (ST) 300 ppm (Cal/OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**12. 2-Butanone (Methyl ethyl ketone) (CAS: 78-93-3)**

REL (Inhalation): 200 ppm, (ST) 300 ppm (NIOSH)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**13. Propane, liquid (CAS: 74-98-6 EC: 200-827-9)**

TWA: 1000 ppm 10 hours (NIOSH)

**14. Propane, liquid (CAS: 74-98-6 EC: 200-827-9)**

PEL-TWA: 1000 ppm 8 hours (OSHA)

**15. Xylenes (o-, m-, p-isomers) (CAS: 1330-20-7)**

PEL (Inhalation): 100 ppm (OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**16. Xylenes (o-, m-, p-isomers) (CAS: 1330-20-7)**

PEL (Inhalation): 435 mg/m<sup>3</sup> (OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**17. Xylenes (o-, m-, p-isomers) (CAS: 1330-20-7)**

PEL (Inhalation): 100 ppm, (ST) 150 ppm, (C) 300 ppm (Cal/OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**18. Xylenes (o-, m-, p-isomers) (CAS: 1330-20-7)**

REL (Inhalation): 100 ppm, (ST) 150 ppm (NIOSH)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**19. XYLENES (MIXED) (CAS: 1330-20-7 EC: 215-535-7)**

STEL: 150 ppm (ACGIH)

**20. XYLENES (MIXED) (CAS: 1330-20-7 EC: 215-535-7)**

TWA: 100 ppm (ACGIH)

**21. Toluene (CAS: 108-88-3)**

PEL (Inhalation): See Annotated Z-2 ppm (OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**22. Toluene (CAS: 108-88-3)**

PEL (Inhalation): See Annotated Z-2 mg/m<sup>3</sup> (OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**23. Toluene (CAS: 108-88-3)**

PEL (Inhalation): See Annotated Z-2 (Cal/OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**24. Toluene (CAS: 108-88-3)**

REL (Inhalation): See Annotated Z-2 (NIOSH)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**25. TOLUENE (CAS: 108-88-3 EC: 203-625-9)**

TWA: 20 ppm (ACGIH)

**26. Ethyl benzene (CAS: 100-41-4)**

PEL (Inhalation): 100 ppm (OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**27. Ethyl benzene (CAS: 100-41-4)**

PEL (Inhalation): 435 mg/m<sup>3</sup> (OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**28. Ethyl benzene (CAS: 100-41-4)**

PEL (Inhalation): 100 ppm, (ST) 125 ppm (Cal/OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**29. Ethyl benzene (CAS: 100-41-4)**

REL (Inhalation): 100 ppm, (ST) 125 ppm (NIOSH)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**30. ETHYLBENZENE (CAS: 100-41-4 EC: 202-849-4)**

TWA: 20 ppm (ACGIH)

**31. 1,2,4-Trimethylbenzene (CAS: 95-63-6 EC: 202-436-9)**

TWA (Inhalation): 25 ppm 8 hr (ACGIH)

**32. 1,2,4-Trimethylbenzene (CAS: 95-63-6 EC: 202-436-9)**

TWA (Inhalation): 25 ppm 10 hr (NIOSH)

**33. LIGHT AROMATIC HYDROCARBONS (CAS: 64742-95-6)**

TWA (Inhalation): 20 ppm 8 hrs (ACGIH)

**34. LIGHT AROMATIC HYDROCARBONS (CAS: 64742-95-6)**

TWA (Inhalation): 100 ppm 10 hrs (NIOSH)

**35. LIGHT AROMATIC HYDROCARBONS (CAS: 64742-95-6)**

STEL (Inhalation): 125 ppm 15 mins (NIOSH)

**36. Carbon black (CAS: 1333-86-4)**

PEL (Inhalation): 3.5 mg/m<sup>3</sup> (OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**37. Carbon black (CAS: 1333-86-4)**

PEL (Inhalation): 3.5 mg/m<sup>3</sup> (Cal/OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**38. Carbon black (CAS: 1333-86-4)**

REL (Inhalation): 3.5 mg/m<sup>3</sup> without PAHs; when PAHs are present, NIOSH considers carbon black to be a potential occupational carcinogen. See Appendix A, see Appendix C (NIOSH)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**39. 2-methoxy-1-methylethyl acetate (CAS: 108-65-6 EC: 203-603-9)**

TWA (Dermal): 50.00 ppm  
WEEL

**40. 2-methoxy-1-methylethyl acetate (CAS: 108-65-6 EC: 203-603-9)**

PEL-C (Dermal): 100 PPM  
CALIFORNIA PERMISSIBLE EXPOSURE LIMITS (TITLE 8, ARTICLE 107)

**41. 2-methoxy-1-methylethyl acetate (CAS: 108-65-6 EC: 203-603-9)**

STEL (Dermal): 150 PPM  
CALIFORNIA PERMISSIBLE EXPOSURE LIMITS (TITLE 8, ARTICLE 107)

**42. Cumene (CAS: 98-82-8)**

PEL (Inhalation): 50 ppm (OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**43. Cumene (CAS: 98-82-8)**

PEL (Inhalation): 245 mg/m<sup>3</sup> (OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**44. Cumene (CAS: 98-82-8)**

PEL (Inhalation): 50 ppm (Cal/OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**45. Cumene (CAS: 98-82-8)**

REL (Inhalation): 50 ppm (NIOSH)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**46. Silica, crystalline quartz, respirable dust (CAS: 14808-60-7)**

PEL (Inhalation): See Annotated Z-3 ppm (OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**47. Silica, crystalline quartz, respirable dust (CAS: 14808-60-7)**

PEL (Inhalation): See Annotated Z-3 mg/m<sup>3</sup> (OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**48. Silica, crystalline quartz, respirable dust (CAS: 14808-60-7)**

PEL (Inhalation): See Annotated Z-3 (Cal/OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

**49. Silica, crystalline quartz, respirable dust (CAS: 14808-60-7)**

REL (Inhalation): See Annotated Z-3 (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

**50. Naphthalene (CAS: 91-20-3)**

PEL (Inhalation): 10 ppm (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

**51. Naphthalene (CAS: 91-20-3)**PEL (Inhalation): 50 mg/m<sup>3</sup> (OSHA)

OSHA Annotated Table Z-1, www.osha.gov

**52. Naphthalene (CAS: 91-20-3)**

PEL (Inhalation): 10 ppm, (ST) 15 ppm (Cal/OSHA)

OSHA Annotated Table Z-1, www.osha.gov

**53. Naphthalene (CAS: 91-20-3)**

REL (Inhalation): 10 ppm, (ST) 15 ppm (NIOSH)

OSHA Annotated Table Z-1, www.osha.gov

**Appropriate engineering controls**

Distribution, Workplace and Household Settings: Ensure adequate ventilation. Product Manufacturing Plant (needed at Product-Producing Plant ONLY): Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

**Individual protection measures, such as personal protective equipment (PPE)**

**Eye/face protection:** Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection:** Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

**Body protection:** Impervious clothing, Flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Complete suit protecting against chemicals, Flame retardant antistatic protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection:** Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Thermal hazards:** No data available

**Environmental exposure controls:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

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**Section 9 ~ Physical and Chemical Properties**

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**Information on basic physical and chemical properties**

**Appearance/form (physical state, color, etc.):** AEROSOL/LIQUID

**Odor:** TYPICAL PAINT SOLVENTS

**Odor threshold:** NOT AVAILABLE

**Ph:** 7

**Melting point/freezing point:** NOT AVAILABLE

**Initial boiling point and boiling range:** 132-295 F

**Flash point:** CLOSED CUP: -20.2F

**Evaporation rate:** 5.6 (butyl acetate = 1)

**Flammability (solid, gas):** NOT AVAILABLE

**Upper/lower flammability limits:** 12.8%/1%

**Upper/lower explosive limits:** 13%/1%

**Vapor pressure:** 101.3 kPa

**Vapor density:** 1.55 (AIR = 1)

**Relative density:** .69

**Solubility(ies):** NOT AVAILABLE

**Partition coefficient: n-octanol/water:** NOT AVAILABLE

**Auto-ignition temperature:** NOT AVAILABLE

**Decomposition temperature:** NOT AVAILABLE

**Viscosity:** KINEMATIC (40 C/104 F)

**Explosive properties**

**Oxidizing properties**

**Other safety information**

FOR FURTHER DETAILS SEE TECHNICAL DATA SHEETS FOR DV16 (PRECHARGED AEROSOL) AND SW 78-0464.

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**Section 10 ~ Stability and Reactivity**

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**Reactivity:** None under normal use conditions.

**Chemical stability:** Stable under recommended storage conditions.

**Possibility of hazardous reactions:** Vapours may form explosive mixture with air.

**Conditions to avoid:** Heat, flames and sparks.

**Incompatible materials:** Bases, Oxidizing agents, Reducing agents, Acetone reacts violently with phosphorous oxychloride.

**Hazardous decomposition products:** Other decomposition products - No data available In the event of fire: see section 5

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**Section 11 ~ Toxicological Information**

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**Information on toxicological effects****Acute toxicity**

## ACETONE

LD50 Oral - Rat - 5,800 mg/kg

Remarks: Behavioral:Altered sleep time (including change in righting reflex). Behavioral:Tremor. Behavioral:Headache.

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

## ACETONE

LC50 Inhalation - Rat - 50,100 mg/m<sup>3</sup> - 8 h

Remarks: Drowsiness Dizziness Unconsciousness

## ACETONE

LD50 Skin - Guinea pig - 7,429 mg/kg

## METHYL ETHYL KETONE

LD50 Oral - Rat - 2737 mg/kg

## METHYL ETHYL KETONE

LD50 Skin - Rabbit - 6480 mg/kg

## 1,2,4-Trimethylbenzene

LC50 Inhalation - Rat - 18000 mg/m<sup>3</sup> - 4 hrs

## 1,2,4-Trimethylbenzene

LD50 Oral - Rat - 5 g/kg

## 2-methoxy-1-methylethyl acetate

LD50 Oral - Rat - 8,532 mg/kg

Remarks: female

## 2-methoxy-1-methylethyl acetate

LD50 Skin - Rat - 2,000 mg/kg

Remarks: male and female

## Carbon black (airborne, unbound particles of respirable size)

LD50 Oral - Rat - &gt;15400 mg/kg

## Cumene

LC50 Inhalation - Rat - 39000 mg/m<sup>3</sup> - 4 hrs

## Cumene

LD50 Oral - Rat - 1400 mg/kg

## ETHYLBENZENE

LC50 Inhalation - Rat - 4000 ppg - 4 hrs

## ETHYLBENZENE

LD50 Skin - Rabbit - 17.8 g/kg

## ETHYLBENZENE

LD50 Oral - Rat - 3.5 g/kg

## LIGHT AROMATIC HYDROCARBONS

LD50 Oral - Rat - 8400 mg/kg - 4 hrs

## NAPHTHALENE

LD50 Skin - Rabbit - &gt;20 g/kg

## NAPHTHALENE

LD50 Oral - Rat - 490 mg/kg

## TOLUENE

LC50 Inhalation - Rat - 49 g/m<sup>3</sup> - 4 hrs

## TOLUENE

LC50 Inhalation - Rat - 8000 ppm - 4 hrs

Remarks: 0.5 minutes 100 mg

## TOLUENE

LD50 Skin - Rabbit - 8.39 g/kg

## TOLUENE

LD50 Oral - Rat - 636 mg/kg

## XYLENES (MIXED)

LD50 Skin - Rabbit - &gt;1.7g/kg

## XYLENES (MIXED)

LC50 Inhalation - Rat - 6670 ppm - 4 hrs

XYLENES (MIXED)  
LD50 Oral - Rat - 4.3 g/kg  
Skin corrosion/irritation

ACETONE  
Skin - Rabbit - 24 hr  
Result: Mild skin irritation

METHYL ETHYL KETONE  
Skin - Rabbit - 24 hrs 14 milligrams  
Result: Mild Irritant

Cumene  
- Rabbit - 10 mg - 24 hrs  
Result: Moderate Irritant

NAPHTHALENE  
- Rabbit - 495 mg  
Result: Mild Irritant

**Serious eye damage/irritation**

ACETONE  
- Rabbit - 24 hr  
Result: Eye irritation

ACETONE  
Eyes - Human - 186300 ppm  
Remarks: May cause drowsiness or dizziness.

Cumene  
- Rabbit - 500 mg - 24 hrs  
Result: Mild Irritant

ETHYLBENZENE  
- Rabbit - 500 mg  
Result: Severe irritant

TOLUENE  
- Rabbit  
Result: Eyes-Mild irritant  
Remarks: 0.5 minutes 100 mg

TOLUENE  
- Rabbit  
Result: Eyes-Severe irritant  
Remarks: 24 hrs 2 milligrams

XYLENES (MIXED)  
- Rabbit - 87 mg  
Result: Mild Irritant

XYLENES (MIXED)  
- Rabbit - 5 mg - 24 hrs  
Result: Severe Irritant

**Respiratory or skin sensitization**

ACETONE  
- Guinea pig  
Result: Does not cause skin sensitisation  
Germ cell mutagenicity

ACETONE  
Result: No data available  
Carcinogenicity

ACETONE  
Remarks: This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.  
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.  
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.  
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

ETHYLBENZENE: Classification IARC 2B

**Reproductive toxicity**

ACETONE  
Summary of evaluation of the CMR properties

ACETONE  
Remarks: This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.  
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.  
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.  
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**STOT-single exposure**

ACETONE

Remarks: May cause drowsiness or dizziness.

Propane, liquid: Propane, liquid

Remarks: CATEGORY 3 RESPIRATORY TRACT IRRITATION AND NARCOTIC EFFECTS

TOLUENE

Remarks: Category 3

**STOT-repeated exposure**

ACETONE

Result: No data available

Propane, liquid: Propane, liquid

Remarks: CATEGORY 2 RESPIRATORY TRACT IRRITATION AND NARCOTIC EFFECTS

ETHYLBENZENE:

Category 2

TOLUENE

Remarks: Category 2

**Aspiration hazard**

Propane, liquid: Propane, liquid

Result: ASPIRATION HAZARD- CATEGORY 1

ETHYLBENZENE: Category 1 Aspiration Hazard

**Additional information**

No data available.

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**Section 12 ~ Ecological Information**

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**Toxicity**

ACETONE

LC50 - Oncorhynchus mykiss (rainbow trout - 5,540 mg/l - 96 h

ACETONE

LC50 - Daphnia magna (Water flea) - 8,800 mg/l - 48 hr

2-methoxy-1-methylethyl acetate

LC50 - 100-180 mg/l - 8 hr

Remarks: salmo gairdneri

2-methoxy-1-methylethyl acetate

EC50 - Daphnia magna (water flea) - &gt;500 mg/l - 48 hr

ETHYLBENZENE

LC50 - Lepomis macrochirus (bluegill) - 150-200 MG/L - 96 hrs

Result: Mild irritant

**Persistence and degradability**

ACETONE

OECD Test Guideline 301B

Result: 91% -Readily biodegradable.

**Bioaccumulative potential**

Does not bioaccumulate.

ETHYLBENZENE: LogP 3.15, BCF 79.43, Potential = low

**Mobility in soil**

No data available.

**Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**Other adverse effects**

No data available

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**Section 13 ~ Disposal Considerations**

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**Disposal of the product**

Burn in a chemical incinerator equipped with an afterburner and scrubber but exert extra care in igniting as this material is highly flammable. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

**Disposal of contaminated packaging**

Dispose of as unused product.

**Waste treatment**

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

**Sewage disposal**

Dispose of contents/ container in accordance with the local/regional/national/international regulations. Non-Household Setting: Products covered by this SDS, in their original form, when disposed as waste, are considered non hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations. Solutions of diluted detergent in the course of use, may be allowed to be flushed down sewer. First check with your local water treatment plant. Recycling is undiluted scrap product. Do not landfill. Household Use: Household product is safe for disposal down the drain during detergent use or in the trash. Dispose of empty bottle in the trash or recycle where facilities exist.

**Other disposal recommendations**

NOT AVAILABLE

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**Section 14 ~ Transportation Information**

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**DOT (US)**

UN Number: 1950

Class: 2.1

Packing Group:

Proper Shipping Name: AEROSOLS

Reportable quantity (RQ): Special Provisions: LIMITED QUANTITY

Marine pollutant: NO

Poison inhalation hazard:

**IMDG**

UN Number: 1950

Class: 2.1

Packing Group:

EMS Number:

Proper Shipping Name: AEROSOLS

**IATA**

UN Number: 1950

Class: 2.1

Packing Group:

Proper Shipping Name: AEROSOLS, FLAMMABLE

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**Section 15 ~ Regulatory Information**

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**Safety, health and environmental regulations specific for the product in question****Massachusetts Right To Know Components**

Chemical name: Acetone

CAS number: 67-64-1

**New Jersey Right To Know Components**

Common name: ACETONE

CAS number: 67-64-1

**Pennsylvania Right To Know Components**

Chemical name: 2-Propanone

CAS number: 67-64-1

**New Jersey Right To Know Components**

Common name: PROPANE

CAS number: 74-98-6

**Pennsylvania Right To Know Components**

Chemical name: Propane

CAS number: 74-98-6

**Massachusetts Right To Know Components**

Chemical name: Methyl ethyl ketone

CAS number: 78-93-3

**New Jersey Right To Know Components**

Common name: METHYL ETHYL KETONE

CAS number: 78-93-3

**Pennsylvania Right To Know Components**

Chemical name: 2-Butanone

CAS number: 78-93-3

**Stockholm Convention****Massachusetts Right To Know Components**

Chemical name: Xylene (mixed isomers)

CAS number: 1330-20-7

**New Jersey Right To Know Components**

Common name: XYLENES

CAS number: 1330-20-7

**Pennsylvania Right To Know Components**

Chemical name: Benzene, dimethyl-  
CAS number: 1330-20-7

**California Prop. 65 components**

Chemical name: XYLENES (MIXED)  
CAS number: 1330-20-7  
06/11/2004 - Cancer

**Massachusetts Right To Know Components**

Chemical name: Toluene  
CAS number: 108-88-3

**New Jersey Right To Know Components**

Common name: TOLUENE  
CAS number: 108-88-3

**Pennsylvania Right To Know Components**

Chemical name: Benzene, methyl-  
CAS number: 108-88-3

**California Prop. 65 components**

Chemical name: TOLUENE  
CAS number: 108-88-3  
01/01/1991 - developmental  
08/07/2009 - Developmental, female

**Massachusetts Right To Know Components**

Chemical name: Ethylbenzene  
CAS number: 100-41-4

**New Jersey Right To Know Components**

Common name: ETHYL BENZENE  
CAS number: 100-41-4

**Pennsylvania Right To Know Components**

Chemical name: Benzene, ethyl-  
CAS number: 100-41-4

**California Prop. 65 components**

Chemical name: ETHYLBENZENE  
CAS number: 100-41-4  
06/11/2004 - cancer

**Massachusetts Right To Know Components**

Chemical name: 1,2,4-Trimethylbenzene  
CAS number: 95-63-6

**New Jersey Right To Know Components**

Common name: PSEUDOCUMENE  
CAS number: 95-63-6

**Pennsylvania Right To Know Components**

Chemical name: Pseudocumene  
CAS number: 95-63-6

**New Jersey Right To Know Components**

Common name: CARBON BLACK  
CAS number: 1333-86-4

**Pennsylvania Right To Know Components**

Chemical name: Carbon black  
CAS number: 1333-86-4

**Toxic Substances Control Act (TSCA) Inventory**

heptan-2-one: 110-43-0, tert-butyl acetate: 540-88-5, 2-methoxy-1-methylethylacetate: 108-65-6, chlorobenzotrifluoride: 98-56-6, carbon black: 1333-86-4, ethanol, 2-amino-, reaction products..: 191743-75-6, toluene: 108-88-3, 1-methoxy-2-propanal: 107-98-2, oxirane, 2-methyl-, polymer.: 52232-27-6

**California Prop. 65 components**

Chemical name: Carbon black (airborne, unbound particles of respirable size)  
CAS number: 1333-86-4  
02/21/2003 - cancer

**Pennsylvania Right To Know Components****New Jersey Right To Know Components****Massachusetts Right To Know Components**

Chemical name: Cumene  
CAS number: 98-82-8

**New Jersey Right To Know Components**

Common name: CUMENE

CAS number: 98-82-8

**Pennsylvania Right To Know Components**

Chemical name: Benzene, (1-methylethyl)-

CAS number: 98-82-8

**California Prop. 65 components**

Chemical name: Cumene

CAS number: 98-82-8

04/06/2010 - Cancer

**New Jersey Right To Know Components**

Common name: SILICA, QUARTZ

CAS number: 14808-60-7

**Pennsylvania Right To Know Components**

Chemical name: Quartz

CAS number: 14808-60-7

**California Prop. 65 components**

Chemical name: Silica, crystalline (airborne particles of respirable size)

CAS number: 14808-60-7

10/01/1988 - cancer

**Massachusetts Right To Know Components**

Chemical name: Naphthalene

CAS number: 91-20-3

**New Jersey Right To Know Components**

Common name: NAPHTHALENE

CAS number: 91-20-3

**Pennsylvania Right To Know Components**

Chemical name: Naphthalene

CAS number: 91-20-3

**California Prop. 65 components**

Chemical name: NAPHTHALENE

CAS number: 91-20-3

04/19/2002 - cancer

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**Section 16 ~ Other Information**

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	NFPA	HMIS	Key
HEALTH	2	2	4= Severe
FLAMMABILITY	3	4	3= Serious
REACTIVITY			2= Moderate
PHYSICAL HAZARD		0	1= Slight
PROTECTIVE EQUIPMENT		X	0= Minimal

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**End of Safety Data Sheet**