

# SHARPERTEK®

## SAFETY DATA SHEET SC-75

### 1. Identification

Product identifier RS-75  
Other means of identification  
Product code 0301405  
Recommended use Solvent  
Recommended restrictions None known.

**Manufacturer** Sharpertek  
486 S Opdyke Rd  
Pontiac, MI 48341  
Information (248) 340-0593

### 2. Hazard(s) identification

Physical hazards Not classified.  
Health hazards Not classified.  
Environmental hazards Not classified.  
OSHA defined hazards Not classified.

#### Label elements

Hazard symbol None.  
Signal word None.  
Hazard statement The mixture does not meet the criteria for classification.  
Prevention Observe good industrial hygiene practices.  
Response Wash hands after handling.  
Storage Store away from incompatible materials.  
Disposal Dispose of waste and residues in accordance with local authority requirements.

### 3. Composition/information on ingredients

#### Mixtures

| Chemical name  | Common name and synonyms | CAS number | %      |
|--|--------------------------|------------|--------|
| Dimethyl Adipate   |                          | 627-93-0   | 0.1-10 |
| Dimethyl Glutarate   |                          | 1119-40-0  | 0.1-10 |
| Dimethyl Succinate   |                          | 106-65-0   | 0.1-10 |
| Ethyl-3-Ethoxypropionate                                   |                          | 763-69-9   | 0.1-10 |
| N-Methyl-2-Pyrrolidinone                                   |                          | 872-50-4   | 0.1-10 |
| Non-hazardous and other components below reportable levels |                          |            | 70-90  |

### 4. First-aid measures

Inhalation If overexposure to vapors or mist, move to fresh air. Call a physician if breathing becomes difficult.  
Skin contact Wash off with soap and water. Get medical attention if irritation develops and persists.  
Eye contact Rinse with water. Get medical attention if irritation develops and persists.  
Ingestion Rinse mouth. Get medical attention if symptoms occur.

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Indication of immediate medical attention and special treatment needed  
General information

Treat symptomatically.

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

## 5. Fire-fighting measures

Suitable extinguishing media

Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical

During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire-fighting

Move containers from fire area if you can do so without risk.

equipment/instructions

Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards

No unusual fire or explosion hazards noted.

## 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

This product is miscible in water.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Environmental precautions

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS. Avoid discharge into drains, water courses or onto the ground.

## 7. Handling and storage

Precautions for safe handling

Avoid prolonged exposure. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities

Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

Occupational exposure limits

US. AIHA Workplace Environmental Exposure Level (WEEL) Guides  
Components

Type

Value

40 mg/m<sup>3</sup>

N-Methyl-2-Pyrrolidinone  
(CAS 872-50-4)

TWA

10 ppm

Biological limit values

ACGIH Biological Exposure Indices Components Value  
Determinant

Specimen

Sampling Time

Urine

\*

N-Methyl-2-Pyrrolidinone  
(CAS 872-50-4)

100 mg/l

5-Hydroxy-N-methyl-2-pyrrolidone

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\* - For sampling details, please see the source document.

## Exposure guidelines

US WEEL Guides: Skin designation

N-Methyl-2-Pyrrolidinone (CAS 872-50-4)

Can be absorbed through the skin.

Appropriate engineering Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should controls be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

Eye/face protection Chemical goggles are recommended.

Hand protection Wear protective gloves.

Skin protection

Other Wear appropriate chemical resistant clothing.

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

General hygiene considerations Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

|  |                                   |
|--|-----------------------------------|
| Appearance                                   | Clear.                            |
| Physical state                               | Liquid.                           |
| Form   | Liquid.                           |
| Color  | Colorless.                        |
| Odor   | Typical Solvent.                  |
| Odor threshold                               | N/A                               |
| pH   | 3.5                               |
| Melting point/freezing point                 | -11.56 °F (-24.2 °C)<br>estimated |
| Initial boiling point<br>and boiling range   | 213.8 °F (101 °C) estimated       |
| Flash point                                  |                                   |
| Evaporation rate                             | 200°F + low<br>Not available.     |
| Flammability (solid, gas)                    |                                   |
| Upper/lower flammability or explosive limits |                                   |
| Explosive limit - lower<br>(%)               | Not available. Not<br>available.  |
| Explosive limit - upper<br>(%)               |                                   |
| Vapor pressure                               | 0.33 hPa (1 hPa = 0.75006 mmHg)   |
| Vapor pressure temp.                         | @ 20 Deg. C                       |
| Vapor density                                | Not available.                    |
| Relative density                             | Not available.                    |
| Solubility(ies)                              |                                   |
| Solubility (water)                           | Complete                          |
| Partition coefficient (n-<br>octanol/water)  | Not available.                    |
| Auto-ignition temperature                    | Not available.                    |
| Decomposition temperature                    | Not available.                    |
| Viscosity                                    | N/A                               |
| Other information                            |                                   |

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|                   |             |
|-------------------|-------------|
| Percent volatile  | 85.27 %     |
| Pounds per gallon | 8.92 lb/gal |
| Specific gravity  | 1.08        |
| VOC (Weight %)    | 21.34 %     |

## 10. Stability and reactivity

|                                    |   |
|------------------------------------|---|
| Reactivity                         | The product is stable and non-reactive under normal conditions of use, storage and transport.   |
| Chemical stability                 | Stable under normal conditions.   |
| Possibility of hazardous reactions | No hazardous reaction known under normal conditions of use.   |
| Conditions to avoid                | Suitable precautions should be utilized if using this product at temperatures above the flash point. Contact with incompatible materials. |
| Incompatible materials             | Peroxides. Phenols.   |
| Hazardous decomposition products   | No hazardous decomposition products are known if stored and applied as directed.  |

## 11. Toxicological information

### Information on likely routes of exposure

|  |  |
|--|--|
| Ingestion  | Expected to be a low ingestion hazard.                   |
| Inhalation   | Prolonged inhalation may be harmful.                     |
| Skin contact   | No adverse effects due to skin contact are expected.     |
| Eye contact  | Direct contact with eyes may cause temporary irritation. |
| Symptoms related to the physical, chemical and toxicological characteristics | Direct contact with eyes may cause temporary irritation. |

### Information on toxicological effects

| Components                              | Species | Test Results | Acute toxicity   |
|---|---------|--------------|--|
| N-Methyl-2-Pyrrolidinone (CAS 872-50-4) |         |              |  |
| Acute                                   |         |              | * Estimates for product may be based on additional component data not shown. |
| Dermal                                  |         |              |  |
| LD50                                    | Rabbit  | 8000 mg/kg   | Skin corrosion/irritation  |
| Oral                                    |         |              | S  |
| LD50                                    | Mouse   | 5130 mg/kg   | e  |
|   | Rat     | 3914 mg/kg   | r  |
|   |         | 4.2 ml/kg    | i  |
| Other                                   |         |              | o  |
| LD50                                    | Mouse   | 54.5 mg/kg   | u  |
|   | Rat     | 80.5 mg/kg   | s  |
|   |         |              | e  |
|   |         |              | y  |

e damage/eye Direct contact with eyes may cause temporary irritation. irritation

### Respiratory or skin sensitization

|  |  |
|--|--|
| Respiratory sensitization  | Not available.   |
| Skin sensitization   | This product is not expected to cause skin sensitization.  |
| Germ cell mutagenicity   | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |
| Carcinogenicity  | This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.                                  |
| US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) |  |
| Not listed.  |  |
| Reproductive toxicity  | Possible reproductive hazard.  |

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|   |                                      |
|---|--------------------------------------|
| Specific target organ toxicity<br>- single exposure   | Not classified.<br>Not classified.   |
| Specific target organ toxicity<br>- repeated exposure |                                      |
| Aspiration hazard                                     | Not available.                       |
| Chronic effects                                       | Prolonged inhalation may be harmful. |

## 12. Ecological information

|   |  |
|---|--|
| Ecotoxicity                                       | The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |
| Persistence and degradability                     | No data is available on the degradability of this product.   |
| Bioaccumulative potential                         | No data available.   |
| Partition coefficient n-octanol / water (log Kow) |  |
| Dimethyl Adipate                                  | 1.03   |
| Dimethyl Glutarate                                | 0.62   |
| Dimethyl Succinate                                | 0.35   |
| Ethyl-3-Ethoxypropionate                          | 1.35   |
| N-Methyl-2-Pyrrolidinone                          | -0.54  |
| Mobility in soil                                  | No data available.   |
| Other adverse effects                             | No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.            |

## 13. Disposal considerations

|                                |   |
|--------------------------------|---|
| Disposal instructions          | Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.                                |
| Local disposal regulations     | Dispose in accordance with all applicable regulations.  |
| Waste from residues / products | Dispose of in accordance with local regulations. Empty containers or liners may retain some product unused residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). |
| Contaminated packaging         | Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.              |

## 14. Transport information

|                 |   |
|-----------------|---|
| DOT BULK        |   |
| UN number       | NA1993  |
| Proper shipping | Combustible Liquid, n.o.s. (Ethyl-3-Ethoxypropionate, N-Methyl Pyrrolidinone) |
| Shipping Class  | 55  |
| ERG code        | 128   |

DOT NON-BULK  
Not regulated as dangerous goods.

## 15. Regulatory information

All components are on the U.S. EPA TSCA Inventory List.

|  |  |
|--|--|
| US federal regulations   |  |
| CERCLA Hazardous Substance List (40 CFR 302.4)                     | Not listed.  |
| US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) | Not listed.  |
| Superfund Amendments and Reauthorization Act of 1986 (SARA)        |  |
| Hazard categories  | Immediate Hazard - Yes<br>Delayed Hazard - Yes<br>Fire Hazard - No |

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Pressure Hazard - No  
Reactivity Hazard - No

SARA 302 Extremely hazardous substance  
Not listed.

SARA 311/312 Yes

Hazardous chemical

SARA 313 (TRI reporting)

| Chemical name | CAS number | % by wt. |
|---------------|------------|----------|
|---------------|------------|----------|

|                          |          |        |
|--------------------------|----------|--------|
| N-Methyl-2-Pyrrolidinone | 872-50-4 | 0.1-10 |
|--------------------------|----------|--------|

## Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130) Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

## US state regulations

US. Massachusetts RTK - Substance List

N-Methyl-2-Pyrrolidinone (CAS 872-50-4)

US. New Jersey Worker and Community Right-to-Know Act

N-Methyl-2-Pyrrolidinone (CAS 872-50-4) 500 LBS

US. Pennsylvania RTK - Hazardous Substances

N-Methyl-2-Pyrrolidinone (CAS 872-50-4)

US. Rhode Island RTK

N-Methyl-2-Pyrrolidinone (CAS 872-50-4)

US. California Proposition 65

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

US - California Proposition 65 - CRT: Listed date/Developmental toxin

N-Methyl-2-Pyrrolidinone (CAS 872-50-4) Listed: June 15, 2001

## International Inventories

| Country(s) or region        | Inventory name   | On inventory (yes/no)* |
|-----------------------------|--|------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                     | Yes                    |
| Canada                      | Domestic Substances List (DSL)   | Yes                    |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                    |
| Europe                      | European Inventory of Existing Commercial Chemical Substances (EINECS) | No                     |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)               | Yes                    |
| Korea                       | Existing Chemicals List (ECL)  | Yes                    |
| New Zealand                 | New Zealand Inventory  | Yes                    |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | Yes                    |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | Yes                    |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

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## 16. Other information, including date of preparation or last revision

Issue date 04-20-2015

Revision date 04-22-2015

Version # 02

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Revision Information Physical & Chemical Properties: Multiple Properties