1 Identification

- **Product identifier**
  - **Trade name:** Weather Worker™ 40% J29
  - **Article number:** 83-69137
  - **Application of the substance / the mixture**

- **Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:**
    Dayton® Superior
    4226 Kansas Avenue
    Kansas City, KS 66106
    Tel.: (866) 329-8724

Emergency Telephone Number: Use only in the event of an emergency involving a spill, leak, fire, exposure, or accident involving chemicals. Within the U.S., Canada, or the U.S. Virgin Islands, call ChemTrec at (800) 424-9300, 24 hours a day. Or, outside these areas, call international number, +1 703 741-5970. Collect calls are accepted.

- **Information department:** Environmental, Health, and Safety department.

2 Hazard(s) identification

- **Classification of the substance or mixture**
  - Flam. Liq. 2 H225 Highly flammable liquid and vapor.
  - Eye Irrit. 2A H319 Causes serious eye irritation.
  - STOT SE 3 H336 May cause drowsiness or dizziness.

- **Label elements**
  - **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
  - **Hazard pictograms**

  ![GHS pictograms](image)

  GHS02  GHS07

- **Signal word** Danger

- **Hazard-determining components of labeling:**
  - isopropanol

- **Hazard statements**
  - Highly flammable liquid and vapor.
  - Causes serious eye irritation.
  - May cause drowsiness or dizziness.

- **Precautionary statements**
  - Wear protective gloves / eye protection / face protection.
  - Keep away from heat/sparks/open flames/hot surfaces. No smoking.
  - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
  - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - Store locked up.
  - Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Classification system:**
  - **NFPA ratings** (scale 0 - 4)
    - Health = 1
    - Fire = 4
    - Reactivity = 0

(Contd. on page 2)
• HMIS-ratings (scale 0 - 4)

**HEALTH** = 1
**FIRE** = 4
**PHYSICAL HAZARD** = 0

- Other hazards
- Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.

### 3 Composition/information on ingredients

- Chemical characterization: Mixtures
- Description: Mixture of the substances listed below with nonhazardous additions.

- Dangerous components:
  - 67-63-0 isopropanol 25-50%

- Additional information: For the wording of the listed hazard phrases refer to section 16.

### 4 First-aid measures

- Description of first aid measures
- General information:
  - Immediately remove any clothing soiled by the product.
  - In the event of persistent symptoms receive medical treatment.
- After inhalation:
  - Immediately move exposed person to fresh air. If breathing difficulty persists or develops get prompt medical attention.
- After skin contact:
  - Immediately wash with water and soap and rinse thoroughly.
  - If skin irritation continues, consult a doctor.
- After eye contact:
  - Rinse opened eye for several minutes under running water. Then consult a doctor.
- After swallowing:
  - Seek medical treatment.
- Information for doctor:
  - Most important symptoms and effects, both acute and delayed
    - No further relevant information available.
  - Indication of any immediate medical attention and special treatment needed
    - No further relevant information available.

### 5 Fire-fighting measures

- Extinguishing media
  - Suitable extinguishing agents:
    - CO₂, sand, extinguishing powder. Do not use water.
    - Foam
  - For safety reasons unsuitable extinguishing agents: Water
- Special hazards arising from the substance or mixture
  - No further relevant information available.
- Advice for firefighters
- Protective equipment:
  - Because fire may produce thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full face piece operated in pressure-demand or positive-pressure mode.

(Contd. on page 3)
6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures
  Wear protective equipment. Keep unprotected persons away.

- Environmental precautions:
  Do not allow product to reach sewage system or any water course.
  Prevent seepage into sewage system, workpits and cellars.
  Inform respective authorities in case of seepage into water course or sewage system.

- Methods and material for containment and cleaning up:
  Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  Ensure adequate ventilation.
  Do not flush with water or aqueous cleansing agents.

- Reference to other sections
  See Section 7 for information on safe handling.
  See Section 8 for information on personal protection equipment.
  See Section 13 for disposal information.

7 Handling and storage

- Handling:
  - Precautions for safe handling
    Wear appropriate personal protective clothing to prevent eye and skin contact. Avoid breathing vapors or mists of this product. Use with adequate ventilation. Do not take internally.
  - Information about protection against explosions and fires:
    Keep ignition sources away - Do not smoke.
    Protect against electrostatic charges.

- Conditions for safe storage, including any incompatibilities
  - Storage: cool and dry
  - Requirements to be met by storerooms and receptacles: Store in a cool location.
  - Information about storage in one common storage facility: Not required.
  - Further information about storage conditions:
    Keep receptacle tightly sealed.
    Store in cool, dry conditions in well sealed receptacles.

- Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see item 7.

- Control parameters
  - Components with limit values that require monitoring at the workplace:
    
    67-63-0 isopropanol
    
    |     | Long-term value: | Short-term value: |
    |-----|-----------------|------------------|
    | PEL | 980 mg/m³, 400 ppm | 1225 mg/m³, 500 ppm |
    | REL | 980 mg/m³, 400 ppm | 984 mg/m³, 400 ppm |
    | TLV | 492 mg/m³, 200 ppm | 492 mg/m³, 200 ppm |

- BEI
### 67-56-1 methanol

<table>
<thead>
<tr>
<th>PEL</th>
<th>Long-term value: 260 mg/m³, 200 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>REL</td>
<td>Short-term value: 325 mg/m³, 250 ppm</td>
</tr>
<tr>
<td></td>
<td>Long-term value: 260 mg/m³, 200 ppm</td>
</tr>
<tr>
<td>Skin</td>
<td></td>
</tr>
<tr>
<td>TLV</td>
<td>Short-term value: 328 mg/m³, 250 ppm</td>
</tr>
<tr>
<td></td>
<td>Long-term value: 262 mg/m³, 200 ppm</td>
</tr>
<tr>
<td>Skin</td>
<td>BEI</td>
</tr>
</tbody>
</table>

#### Ingredients with biological limit values:

**67-63-0 isopropanol**

<table>
<thead>
<tr>
<th>BEI</th>
<th>40 mg/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medium: urine</td>
<td></td>
</tr>
<tr>
<td>Time: end of shift at end of workweek</td>
<td></td>
</tr>
<tr>
<td>Parameter: Acetone (background, nonspecific)</td>
<td></td>
</tr>
</tbody>
</table>

**67-56-1 methanol**

<table>
<thead>
<tr>
<th>BEI</th>
<th>15 mg/L</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medium: urine</td>
<td></td>
</tr>
<tr>
<td>Time: end of shift</td>
<td></td>
</tr>
<tr>
<td>Parameter: Methanol (background, nonspecific)</td>
<td></td>
</tr>
</tbody>
</table>

#### Additional information:

The lists that were valid during the creation were used as basis.

#### Exposure controls

#### Personal protective equipment:

#### General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

#### Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

#### Protection of hands:

Protective gloves

The glove material has to be impermeable and resistant to the product/substance/preparation.

#### Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

#### Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

#### Eye protection:

Wear appropriate eye protection to prevent eye contact.
# 9 Physical and chemical properties

- **Information on basic physical and chemical properties**
  
  - **General Information**
  
  - **Appearance:**
    - **Form:** Liquid
    - **Color:** According to product specification
  
  - **Odor:**
    - **Odor:** Characteristic
    - **Odor threshold:** Not determined.
  
  - **pH-value:**
    - **pH-value:** Not determined.
  
  - **Change in condition**
    - **Melting point/Melting range:** Undetermined.
    - **Boiling point/Boiling range:** >35 °C (>95 °F)
  
  - **Flash point:**
    - **Flash point:** 12 °C (54 °F)
  
  - **Flammability (solid, gaseous):**
    - **Flammability (solid, gaseous):** Not applicable.
  
  - **Ignition temperature:**
    - **Ignition temperature:** 425 °C (797 °F)
  
  - **Decomposition temperature:**
    - **Decomposition temperature:** Not determined.
  
  - **Auto igniting:**
    - **Auto igniting:** Product is not selfigniting.
  
  - **Danger of explosion:**
    - **Danger of explosion:** Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
  
  - **Explosion limits:**
    - **Lower:** 2.0 Vol %
    - **Upper:** 12.0 Vol %
  
  - **Vapor pressure at 20 °C (68 °F):**
    - **Vapor pressure at 20 °C (68 °F):** 43 hPa (32 mm Hg)
  
  - **Density at 20 °C (68 °F):**
    - **Density at 20 °C (68 °F):** 0.85411 g/cm³ (7.128 lbs/gal)
    - **Relative density:** Not determined.
    - **Vapor density:** Not determined.
    - **Evaporation rate:** Not determined.
  
  - **Solubility in / Miscibility with**
    - **Water:** Not miscible or difficult to mix.
  
  - **Partition coefficient (n-octanol/water):** Not determined.
  
  - **Viscosity:**
    - **Dynamic:** Not determined.
    - **Kinematic:** Not determined.
  
  - **Solvent content:**
    - **Organic solvents:** 49.3 %
    - **Solids content:** 48.6 %
  
  - **Other information**
    - **Other information:** No further relevant information available.
  
  - **Volatile Organic Compounds:** Contains less than 600 g/L.

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# 10 Stability and reactivity

- **Reactivity** No decomposition if stored and applied as directed.
- **Chemical stability** No decomposition if stored and applied as directed

(Contd. on page 6)
11 Toxicological information

- Information on toxicological effects
  - Acute toxicity:
  - Primary irritant effect:
    - on the skin: May cause skin irritation.
  - on the eye:
    Strong irritant with the danger of severe eye injury.
    Irritating effect.
  - Sensitization: No sensitizing effects known.
  - Additional toxicological information:
    The product shows the following dangers according to internally approved calculation methods for preparations:
    Irritant

- Carcinogenic categories
  - IARC (International Agency for Research on Cancer)
    67-63-0 isopropanol 3
  - NTP (National Toxicology Program)
    None of the ingredients is listed.
  - OSHA-Ca (Occupational Safety & Health Administration)
    None of the ingredients is listed.

12 Ecological information

- Toxicity
  - Aquatic toxicity: No further relevant information available.
  - Persistence and degradability: No further relevant information available.
  - Behavior in environmental systems:
    - Bioaccumulative potential: No further relevant information available.
    - Mobility in soil: No further relevant information available.
  - Additional ecological information:
    - General notes: Water hazard class 1 (Self-assessment): slightly hazardous for water
    - Results of PBT and vPvB assessment
      - PBT: Not applicable.
      - vPvB: Not applicable.
      - Other adverse effects: No further relevant information available.

13 Disposal considerations

- Waste treatment methods
- Recommendation:
  Must not be disposed of as normal garbage. Do not allow product to reach sewage system.
42.1.0 It is the generator's responsibility to determine if the waste meets applicable definitions of hazardous waste. State and local regulations may differ from federal disposal regulations. Dispose of waste material according to local, state, federal, and provincial environmental regulations.

- Uncleaned packagings:
  - Recommendation: Disposal must be made according to Federal, State, and Local regulations.

## 14 Transport information

### UN-Number

- **DOT, ADR, IMDG, IATA**
  - UN1268

### UN proper shipping name

- **DOT, IATA**
  - Petroleum distillates, n.o.s.
- **ADR**
  - 1268 Petroleum distillates, n.o.s.
- **IMDG**
  - PETROLEUM DISTILLATES, N.O.S.

### Transport hazard class(es)

- **DOT**
  - Class: 3 Flammable liquids
  - Label: 3

### ADR, IMDG, IATA

- **Class**
  - 3 Flammable liquids
- **Label**
  - 3

### Packing group

- **DOT, ADR, IMDG, IATA**
  - II

### Environmental hazards:

- Marine pollutant: No

### Special precautions for user

- **Danger code (Kemler):**
  - 33
- **EMS Number:**
  - F-E,S-E
- **Stowage Category**
  - B

### Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

- Not applicable.

### Transport/Additional information:

- **ADR**
  - **Excepted quantities (EQ)**
    - Code: E2
    - Maximum net quantity per inner packaging: 30 ml
    - Maximum net quantity per outer packaging: 500 ml
- **U.S. Domestic Ground Shipments:**
  - Same as listed for Standard Shipments above.
15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**

  - **Sara**
    - **Section 355 (extremely hazardous substances):**
      None of the ingredient is listed.
    - **Section 313 (Specific toxic chemical listings):**
      This product may contain 1 or more toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR part 372. If so, the chemicals are listed below.
      
      | Chemical          | Concentration |
      |-------------------|---------------|
      | 67-63-0 isopropanol | 25-50%        |
      | 67-56-1 methanol   | ≤1%           |

  - **TSCA (Toxic Substances Control Act):**
    All ingredients are listed.

- **Proposition 65**
  - **Chemicals known to the State of California (Prop. 65) to cause cancer:**
    None of the ingredients is listed.
  - **Chemicals known to cause reproductive toxicity for females:**
    None of the ingredients is listed.
  - **Chemicals known to cause reproductive toxicity for males:**
    None of the ingredients is listed.
  - **Chemicals known to cause developmental toxicity:**
    67-56-1 methanol

- **Cancerogenity categories**
  - **EPA (Environmental Protection Agency)**
    None of the ingredients is listed.
  - **TLV (Threshold Limit Value established by ACGIH)**
    67-63-0 isopropanol A4
  - **MAK (German Maximum Workplace Concentration)**
    None of the ingredients is listed.
  - **NIOSH-Ca (National Institute for Occupational Safety and Health)**
    None of the ingredients is listed.
  - **GHS label elements**
    The product is classified and labeled according to the Globally Harmonized System (GHS).
16 Other information

The provided information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Department issuing SDS: Environmental, Health & Safety Department
- Contact: Environmental, Health & Safety Manager
- Date of preparation / last revision 05/24/2016 / 51
- Abbreviations and acronyms:
  ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  IMDG: International Maritime Code for Dangerous Goods
  DOT: US Department of Transportation
  IATA: International Air Transport Association
  ACGIH: American Conference of Governmental Industrial Hygienists
  EINECS: European Inventory of Existing Commercial Chemical Substances
  ELINCS: European List of Notified Chemical Substances
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
  NFPA: National Fire Protection Association (USA)
  HMIS: Hazardous Materials Identification System (USA)
  PBT: Persistent, Bioaccumulative and Toxic
  vPvB: very Persistent and very Bioaccumulative
  NIOSH: National Institute for Occupational Safety
  OSHA: Occupational Safety & Health
  TLV: Threshold Limit Value
  PEL: Permissible Exposure Limit
  REL: Recommended Exposure Limit
  BEI: Biological Exposure Limit
  Flam. Liq. 2: Flammable liquids, Hazard Category 2
  Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A
  STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3