



# SAFETY DATA SHEET

Issuing date 06-Dec-2016

Version 1

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

**Product name** Cynamic Court Approved

### Other means of identification

**Product Code** X002450  
**UN/ID No** UN1993  
**Document** 002450CG5

### Recommended use of the chemical and restrictions on use

**Recommended use** Waterless Cleaner

### Details of the supplier of the safety data sheet

#### **Distributor**

Cynamic Chemical Company  
1472 Louis Bork Drive  
Batavia, IL 60510

#### **Emergency telephone number**

**24 Hour Emergency Phone Number** INFOTRAC: 1-800-535-5053 (NORTH AMERICA)  
1-352-323-3500 (INTERNATIONAL)

**Company Phone Number** 1-630-761-8770

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

|  |             |
|--|-------------|
| Skin corrosion/irritation                          | Category 3  |
| Serious eye damage/eye irritation                  | Category 2B |
| Specific target organ toxicity (single exposure)   | Category 3  |
| Specific target organ toxicity (repeated exposure) | Category 2  |
| Aspiration toxicity                                | Category 1  |
| Flammable liquids                                  | Category 3  |

### Label elements

#### **Emergency Overview**

#### **Danger**

#### **Hazard Statements**

Causes mild skin irritation  
Causes eye irritation  
May cause respiratory irritation. May cause drowsiness or dizziness  
May cause damage to organs through prolonged or repeated exposure  
May be fatal if swallowed and enters airways  
Flammable liquid and vapor

**Appearance** Transparent**Physical state** Liquid**Odor** Solvent, Banana**Precautionary Statements - Prevention**

- Wash face, hands and any exposed skin thoroughly after handling
- Use only outdoors or in a well-ventilated area
- Do not breathe dust/fume/gas/mist/vapors/spray
- Keep away from heat/sparks/open flames/hot surfaces. — No smoking
- Keep container tightly closed
- Ground/bond container and receiving equipment
- Use explosion-proof electrical/ventilating/lighting/equipment
- Use only non-sparking tools
- Take precautionary measures against static discharge
- Wear protective gloves/protective clothing/eye protection/face protection
- Keep cool

**Precautionary Statements - Response**

- Get medical advice/attention 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 advice/attention
- If skin irritation occurs: Get medical advice/attention
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- Call a POISON CENTER or doctor/physician if you feel unwell
- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
- Do NOT induce vomiting

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store locked up

Store in a well-ventilated place. Keep container tightly closed

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)****Other information**

- May be harmful if swallowed
- May be harmful in contact with skin
- May be harmful if inhaled
- Harmful to aquatic life

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance**

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

| Chemical Name                             | CAS-No     | Weight-% | Trade Secret |
|---|------------|----------|--------------|
| Petroleum distillates, hydrotreated light | 64742-47-8 | >99      | *            |

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

#### 4. FIRST AID MEASURES

##### First aid measures for different exposure routes

|                                   |  |
|-----------------------------------|--|
| <b>General advice</b>             | Show this safety data sheet to the doctor in attendance.   |
| <b>Eye contact</b>                | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.   |
| <b>Skin contact</b>               | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, see a physician.  |
| <b>Inhalation</b>                 | If qualified give oxygen or artificial respiration as needed. Call a POISON CENTER or doctor/physician if you feel unwell.   |
| <b>Ingestion</b>                  | Call a physician or Poison Control Center immediately. If product is swallowed, do not induce vomiting. If vomiting occurs keep head lower than hips to help prevent aspiration. Never give anything by mouth to an unconscious person. Get medical attention at once. |
| <b>Protection of First-aiders</b> | Do not use mouth-to-mouth method if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.  |

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

**Main Symptoms** The most important known symptoms and effects are described in the labelling in section 2 and/or in section 11.

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

**Notes to physician** Treat symptomatically.

#### 5. FIRE-FIGHTING MEASURES

##### Suitable Extinguishing Media

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

**Unsuitable Extinguishing Media** Water may be ineffective. Do not use straight stream of water for fire fighting as the burning material may be spread.

##### Specific hazards arising from the chemical

Vapors may form explosive mixtures with air.

**Hazardous Combustion Products** Carbon monoxide.

##### Explosion Data

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

##### Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

#### 6. ACCIDENTAL RELEASE MEASURES

##### Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with skin, eyes and clothing. Use personal protective equipment. Ensure adequate ventilation. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

#### Environmental precautions

**Environmental precautions** Dike to prevent spillage into streams or sewer systems. Consult local, state and federal authorities. See Section 12 for additional Ecological Information.

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

**Methods for Containment** Prevent further leakage or spillage if safe to do so. Dike to collect large liquid spills.

**Methods for cleaning up** Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.

## 7. HANDLING AND STORAGE

#### Precautions for safe handling

**Advice on safe handling** Keep away from heat, sparks and open flame. No smoking. Do not eat, drink or smoke when using this product. Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water.

#### Conditions for safe storage, including any incompatibilities

**Technical measures/Storage conditions** Keep container in cool well-ventilated area. Keep container tightly closed. Store away from incompatible materials. Keep out of the reach of children. Keep away from open flames, hot surfaces and sources of ignition.

**Incompatible products** Strong oxidizing or reducing agents.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control parameters

**Exposure Guidelines** Review Section 3 & 4 for Exposure Guidelines.  
NIOSH IDLH: *Immediately Dangerous to Life or Health*

#### Appropriate engineering controls

**Engineering Measures** Ensure that eyewash stations and safety showers or an equivalent method of decontamination are close to the work location. Ensure adequate ventilation, especially in confined areas

#### Individual protection measures, such as personal protective equipment

**Eye/Face Protection** Splash-proof chemical goggles or face shield.

**Skin and body protection** Solvent-resistant apron and boots. Solvent-proof gloves.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**Hygiene measures** Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical and chemical properties**

|                       |             |                       |                          |
|-----------------------|-------------|-----------------------|--------------------------|
| <b>Physical state</b> | Liquid      | <b>Odor</b>           | Solvent, Banana          |
| <b>Appearance</b>     | Transparent | <b>Odor Threshold</b> | No information available |
| <b>Color</b>          | Colorless   |                       |                          |

| <u>Property</u>                               | <u>Values</u>            | <u>Remarks • Methods</u> |
|---|--------------------------|--------------------------|
| <b>pH</b>                                     | NA                       |                          |
| <b>Melting/freezing point</b>                 | No information available |                          |
| <b>Boiling point/boiling range</b>            | > 157 °C / 315 °F        |                          |
| <b>Flash Point</b>                            | 40 °C / 105 °F           | TCC                      |
| <b>Evaporation rate</b>                       | Faster than water        |                          |
| <b>Flammability (solid, gas)</b>              | No information available |                          |
| <b>Flammability Limits in Air</b>             |                          |                          |
| <b>Upper flammability limit</b>               | 8.0 %                    |                          |
| <b>Lower flammability limit</b>               | 0.6 %                    |                          |
| <b>Vapor pressure</b>                         | No information available |                          |
| <b>Vapor density</b>                          | No information available |                          |
| <b>Relative density</b>                       | 0.762 0.005              |                          |
| <b>Water solubility</b>                       | No information available |                          |
| <b>Solubility in other solvents</b>           | No information available |                          |
| <b>Partition coefficient: n-octanol/water</b> | No information available |                          |
| <b>Autoignition temperature</b>               | No information available |                          |
| <b>Decomposition temperature</b>              | No information available |                          |
| <b>Viscosity, kinematic</b>                   | No information available |                          |
| <b>Viscosity, dynamic</b>                     | No information available |                          |
| <b>Explosive properties</b>                   | No information available |                          |
| <b>Oxidizing Properties</b>                   | No information available |                          |

**Other information**

|                           |         |
|---------------------------|---------|
| <b>Softening point</b>    | N/A     |
| <b>Molecular Weight</b>   | N/A     |
| <b>VOC Content(%)</b>     | ~ 100 % |
| <b>Density VALUE</b>      | N/A     |
| <b>Bulk Density VALUE</b> | N/A     |

**10. STABILITY AND REACTIVITY**

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

Reacts with strong oxidants, causing fire and explosion hazard.

**Conditions to Avoid**

Heat, flames and sparks.

**Incompatible Materials**

Strong oxidizing or reducing agents.

**Hazardous Decomposition Products**

None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure**

|                            |  |
|----------------------------|--|
| <b>Product Information</b> | May be fatal if swallowed and enters airways Causes skin irritation May cause respiratory irritation May cause drowsiness or dizziness Causes serious eye irritation |
| <b>Inhalation</b>          | Vapors may irritate throat and respiratory system. May cause central nervous system depression with nausea, headache, dizziness, and incoordination.                 |
| <b>Eye contact</b>         | May cause irritation.  |
| <b>Skin contact</b>        | May cause skin irritation and/or dermatitis. May be absorbed through the skin in harmful   |

amounts.

**Ingestion**

Petroleum products have to be classified as harmful due to the aspiration hazard when the viscosity is less than 7 mm<sup>2</sup>/s at 40°C. Aspiration may cause pulmonary edema and pneumonitis. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

| Chemical Name   | Oral LD50            | Dermal LD50             | LC50 Inhalation        |
|---|----------------------|-------------------------|------------------------|
| Petroleum distillates, hydrotreated light<br>64742-47-8 | > 5000 mg/kg ( Rat ) | > 2000 mg/kg ( Rabbit ) | > 5.2 mg/L ( Rat ) 4 h |

**Information on toxicological effects**

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Sensitization** No information available.  
**Mutagenic effects** No information available.  
**Carcinogenicity** There are no known carcinogenic chemicals in this product.  
**Reproductive toxicity** No information available.  
**STOT - single exposure** May cause respiratory irritation. May cause drowsiness or dizziness.  
**STOT - repeated exposure** No information available.  
**Chronic toxicity** Repeated or prolonged overexposure to solvents may cause permanent damage to the nervous system.  
**Aspiration hazard** May be fatal if swallowed and enters airways.

**Numerical measures of toxicity - Product Information**

The following values are calculated based on chapter 3.1 of the GHS document .

**Oral LD50** 2,503.00 mg/kg  
**Dermal LD50** 2,002.00 mg/kg  
**Gas** 701.00 mg/l  
**Mist** 5.21 mg/l

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

0.1% of the mixture consists of component(s) of unknown hazards to the aquatic environment

| Chemical Name   | Algae/aquatic plants | Fish  | Crustacea                                       |
|---|----------------------|---|---|
| Petroleum distillates, hydrotreated light<br>64742-47-8 | -                    | 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static 45: 96 h Pimephales promelas mg/L LC50 flow-through 2.2: 96 h Lepomis macrochirus mg/L LC50 static | 4720: 96 h Den-dronereides heteropoda mg/L LC50 |

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment**

**Waste Disposal Methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or

if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated packaging** Do not reuse container.

**14. TRANSPORT INFORMATION**

|  |  |
|--|--|
| <b>DOT</b>                             | Regulated  |
| <b>UN/ID No</b>                        | UN1993   |
| <b>Proper shipping name</b>            | Combustible Liquid, n.o.s. (Contains Aliphatic Hydrocarbons) |
| <b>Hazard class</b>                    | 3  |
| <b>Packing Group</b>                   | III  |
| <b>Emergency Response Guide Number</b> | 128  |

**15. REGULATORY INFORMATION**

**International Inventories**

|                      |          |
|----------------------|----------|
| <b>TSCA</b>          | Complies |
| <b>DSL/NDSL</b>      | Complies |
| <b>EINECS/ELINCS</b> | Complies |
| <b>ENCS</b>          | Complies |
| <b>IECSC</b>         | Complies |
| <b>KECL</b>          | Complies |
| <b>PICCS</b>         | Complies |
| <b>AICS</b>          | Complies |

**Legend:**

**TSCA** - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

|  |     |
|--|-----|
| <b>Acute Health Hazard</b>               | Yes |
| <b>Chronic Health Hazard</b>             | Yes |
| <b>Fire Hazard</b>                       | Yes |
| <b>Sudden Release of Pressure Hazard</b> | no  |
| <b>Reactive Hazard</b>                   | no  |

**Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**U.S. State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product contains substances regulated by state right-to-know regulations.

**16. OTHER INFORMATION**

|                                   |                         |                       |                           |  |
|-----------------------------------|-------------------------|-----------------------|---------------------------|--|
| <b><u>NFPA</u></b>                | <b>Health Hazards 2</b> | <b>Flammability 2</b> | <b>Instability 0</b>      | <b>Physical and chemical hazards -</b> |
| <b><u>HMIS</u></b>                | <b>Health hazard 2</b>  | <b>Flammability 2</b> | <b>Physical Hazards 0</b> | <b>Personal protection X</b>           |
| <i>Chronic Hazard Star Legend</i> |                         |                       |                           |  |

**Prepared By**           Cynamic Chemical  
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                                   Batavia, IL 60510

**Issuing date**           06-Dec-17

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**