



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

**Product identifier**

**Product name** Cynamic High Shine

**Other means of identification**

**Product Code** X007395  
**Document** 007395C1Q6

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

**Recommended use** Stainless steel polish

**Details of the supplier of the safety data sheet**

**Distributor**

Cynamic Chemical  
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** 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)

Acute toxicity - Inhalation (Gases)	Category 4
Flammable liquids	Category 4

**Label elements**

**Emergency Overview**

<b>Warning</b>		
<b>Hazard Statements</b> Harmful if inhaled Combustible liquid		
		
<b>Appearance</b> Opaque Liquid	<b>Physical state</b> Liquid	<b>Odor</b> Banana

**Precautionary Statements - Prevention**

- Avoid breathing dust/fume/gas/mist/vapors/spray
- Use only outdoors or in a well-ventilated area
- Keep away from heat/sparks/open flames/hot surfaces. — No smoking
- Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

- IF exposed or concerned: Get medical advice/attention
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- IF ON SKIN: Wash with plenty of soap and water
- 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: Call a POISON CENTER or doctor/physician if you feel unwell

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

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

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

Unknown Acute Toxicity

0.2% of the mixture consists of ingredient(s) of unknown toxicity

### 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 middle	64742-46-7	15% - 30%	*

\*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 symptoms persist, call a physician.
<b>Inhalation</b>	If qualified give oxygen or artificial respiration as needed. Move victim to fresh air. Get medical attention immediately if symptoms occur.
<b>Ingestion</b>	If swallowed, call a poison control center or doctor immediately. Do NOT induce vomiting.
<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. Remove all sources of ignition.

**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. Small quantities reaching the lungs through swallowing or subsequent vomiting may result in lung edema or pneumonia.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

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

**Unsuitable Extinguishing Media** Do not use a solid water stream as it may scatter and spread fire.

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

**Environmental precautions**

**Environmental precautions** Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional Ecological Information.

**Methods and materials for containment and cleaning up**

**Methods for Containment** Contain spill with inert, non-combustible materials. Dike to collect large liquid spills.

**Methods for cleaning up** Absorb the liquid with inert material such as dry sand or earth, and place it in a chemical waste container.

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

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

<b>Eye/Face Protection</b>	Safety glasses with side-shields.
<b>Skin and body protection</b>	No special protective equipment required.
<b>Respiratory protection</b>	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

**Hygiene measures** Do not eat, drink or smoke when using this product. Wash hands and face 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>	Banana
<b>Appearance</b>	Opaque Liquid	<b>Odor Threshold</b>	No information available
<b>Color</b>	Orange		

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
<b>pH</b>	8.5	± 0.5
<b>Melting/freezing point</b>	No information available	
<b>Boiling point/boiling range</b>	> 160 °C / 330 °F	Estimated
<b>Flash Point</b>	> 93 °C / > 200 °F	TCC (based on components)
<b>Evaporation rate</b>	No information available	Similar to water
<b>Flammability (solid, gas)</b>	No information available	
<b>Flammability Limits in Air</b>		
<b>Upper flammability limit</b>	No information available	
<b>Lower flammability limit</b>	No information available	
<b>Vapor pressure</b>	No information available	
<b>Vapor density</b>	No information available	
<b>Relative density</b>	0.954 0.005	
<b>Water solubility</b>	Practically insoluble	Practically insoluble
<b>Solubility in other solvents</b>	No information available	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>	not applicable	

### Other information

<b>Softening point</b>	N/A
<b>Molecular Weight</b>	N/A
<b>VOC Content(%)</b>	< 1%

Density VALUE N/A  
Bulk Density VALUE N/A

## 10. STABILITY AND REACTIVITY

### Chemical stability

Stable under recommended storage conditions.

### Possibility of hazardous reactions

None under normal processing.

### Conditions to Avoid

Heat, flames and sparks.

### Incompatible Materials

Strong oxidizing agents. Strong reducing agents.

### Hazardous Decomposition Products

If burned, normal combustion products: Carbon Dioxide, Carbon Monoxide.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Product Information</b>	Harmful by inhalation
<b>Inhalation</b>	Vapors may irritate throat and respiratory system. May cause central nervous system depression with nausea, headache, dizziness, and incoordination. Harmful by inhalation.
<b>Eye contact</b>	May cause irritation.
<b>Skin contact</b>	Prolonged contact may cause redness and irritation.
<b>Ingestion</b>	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 middle 64742-46-7	= 7400 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	= 4.6 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

<b>Sensitization</b>	No information available.
<b>Mutagenic effects</b>	No information available.
<b>Carcinogenicity</b>	There are no known carcinogenic chemicals in this product.
<b>Reproductive toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	May be fatal if swallowed and enters airways.

### Numerical measures of toxicity - Product Information

<b>Unknown Acute Toxicity</b>	0.2% of the mixture consists of ingredient(s) of unknown toxicity
<b>The following values are calculated based on chapter 3.1 of the GHS document .</b>	
<b>Oral LD50</b>	29,923.00 mg/kg
<b>Dermal LD50</b>	8,095.00 mg/kg
<b>Gas</b>	2,831.00 mg/l

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

76.57% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Petroleum distillates, hydrotreated middle 64742-46-7	-	10000: 96 h Pimephales promelas mg/L LC50 static 35: 96 h Pimephales promelas mg/L LC50 flow-through	-

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Other adverse effects**

No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment**

**Waste Disposal Methods**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging**

Do not reuse container.

**14. TRANSPORT INFORMATION**

**DOT**

Proper shipping name

Not regulated  
Cleaning Compound, Not Regulated

**15. REGULATORY INFORMATION**

**International Inventories**

TSCA	-
DSL/NDSL	-
EINECS/ELINCS	-
ENCS	Does not Comply
IECSC	-
KECL	-
PICCS	-
AICS	-

**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>	no
<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**

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards 2</b>	<b>Flammability 1</b>	<b>Instability 0</b>	<b>Physical and chemical hazards -</b>
<b><u>HMIS</u></b>	<b>Health hazard 2</b>	<b>Flammability 1</b>	<b>Physical hazards 0</b>	<b>Personal protection X</b>

**Prepared By** Cynamic Chemical  
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**Issue Note**

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**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**