

# SAFETY DATA SHEET

## Corbin Cleaning Solvent (CCS-16)

Prepared April 6, 2018

### SECTION 1. Identification

- 1.1 **Product Name:** Corbin Cleaning Solvent  
Cat No. : CCS-16 (pint container)
- 1.2 **Recommended Use:** Cleaning and degreasing metal parts and dies
- 1.3 **Uses advised against:** Not for food, drug, pesticide or biocidal product use
- 1.4 **Details of the supplier of the safety data sheet:**  
Corbin Manufacturing & Supply, Inc.  
PO Box 2659, White City, OR 97503 USA  
Emergency Telephone Number: 541-826-5211

### SECTION 2. Hazard(s) identification

- 2.1 **Classification:** This material is considered hazardous by the OSHA Hazard Communication Standard ( 29 CFR 1910, 1200 )  
Not classified as Hazardous
- 2.2 **Classification of the substance or mixture:**  
Flammable Liquies - Category 3  
Skin Irritation - Category 2  
Eye Irritation - Category 2A  
Specific Target Organ Toxicity (single exposure) (Narcotic effects) -  
Category 3  
Specific Target Organ Toxicity (repeated exposure) (Central Nervous System (CNS)) - Category 2

#### 2.2 GHS Label Elements

**Signal Word:** Danger

**Hazard statements:**

- Flammable liquid and vapor
- Causes serious eye irritation
- Causes skin irritation
- May be fatal if swallowed and enters airways
- May cause drowsiness or dizziness.
- May cause damage to organs through prolonged or repeated exposure (central nervous system (CNS))
- Toxic to aquatic life with long lasting effects.

**Precautionary Statements:**

- General:** Read label before use. Keep out of reach of children. If medical advice is needed, hae product container or label at hand. If swallowed, introduced into the eyes, on the skin or inhaled call a poison center or doctor/physician.

## Hazardous Material Information System (USA)

Health: 2    Flammability: 2    Physical hazards: 0

## National Fire Protection Association (USA)

Health: 2    Flammability: 2    Instability : 0

### **SECTION 3. Composition/Information on Ingredients**

<b>3.1 Substance/Mixture:</b>	Substance	
<b>3.2 Chemical name:</b>	Petroleum Distillate	
<b>3.3 Other means of identification:</b>	Not available	
<b>3.4 <u>Ingredient name</u></b>	<b><u>%</u></b>	<b><u>CAS Number</u></b>
Stoddard solvent	60-100	8052-41-3

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 or the environment and hence require reporting in this section.

Note: see Section 8 for exposure limit data for these ingredients. .

### **SECTION 4. First aid measures**

#### **4.1 Description of first aid measures:**

Eye Contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.

Skin Contact:

Wash off immediately with plenty of water and soap for at least 15 minutes. If the material penetrates through clothing, remove clothing and wash skin promptly. Obtain medical attention if symptoms persist.

Inhalation:

Move to fresh air. Obtain medical attention. If not breathing, give artificial respiration.

Ingestion :

Do not induce vomiting. Obtain medical attention.

#### **4.2 Most important symptoms and effects**

Potential acute health effects

Eye contact: No known significant effects or critical hazards

Inhalation: No known significant effects or critical hazards

Skin contact: No known significant effects or critical hazards

Ingestion: May be fatal if swallowed and enters airways

Over-exposure signs/symptoms

Eye contact: Adverse symptoms may include the following:  
pain or irritation, watering, redness

Inhalation: Adverse symptoms may include the following:  
respiratory tract irritation, coughing

Skin contact: Adverse symptoms may include the following:  
irritation, redness

Ingestion: No known significant effects or critical hazards

#### **4.3 Indication of any immediate medical attention and special treatment needed**

Note to Physician:

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments: No specific treatment.

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

See toxicological information (Section 11)

### **SECTION 5. Fire-fighting measures**

#### **5.1 Extinguishing media**

Appropriate Extinguishing Media:

Use dry chemical, CO<sub>2</sub>, water spray (fog), or foam.

Unsuitable extinguishing media:

Do not use water jet or water-based fire extinguishers.

#### **5.2 Special hazards arising from the substance or mixture**

Hazardous Products of Combustion:

Carbon dioxide, carbon monoxide

#### **5.3 Advice for firefighters**

Water may be ineffective on flames but should be used to keep fire-exposed containers cool. Water or foam sprayed into container of hot burning product could cause frothing and endanger fire fighters. Large fires, such as tank fires, should be fought with caution. If possible, pump the contents from the tank and keep adjoining structures cool with water. Avoid spreading burning liquid with water used for cooling purposes. Do not flush down public sewers.

Avoid inhalation of vapors. Firefighters should wear self-contained breathing apparatus.

#### **5.4 Special protective equipment for fire fighters**

Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### **SECTION 6. Accidental release measures**

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

Evacuation Procedures:

Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Special Instructions:

See Section 8 for personal protective equipment recommendations.

Remove all contaminated clothing to prevent further adsorption.

Decontaminate affected personnel using the first aid procedures in Section 4. Leather shoes that have been saturated must be discarded.

#### **6.2 Environmental precautions**

Prevent releases to soils, drains, sewers and waterways.

### **6.3 Methods and material for containment and cleaning up**

Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Remove all ignition sources. Ventilate the area of spill or leak. Wear protective equipment during clean-up. For small spills, use suitable adsorbent material and collect for later disposal. For large spills, the area may require diking to contain the spill. Material can then be collected (eg., suction) for later disposal. After collection of material, flush area with water. Dispose of the material in accordance with standard practice for disposal of potentially hazardous materials as required by applicable federal, state or local laws.

### **6.4 Reference to other sections**

Refer to section 8 for information on selecting personal protective equipment. Refer to section 13 for information on spilled product, adsorbent and clean up material disposal instructions.

## **SECTION 7. Handling and Storage**

### **7.1 Precautions for safe handling**

Practices to minimize risk:

Wear appropriate protective equipment when performing maintenance on contaminated equipment. Wash hands thoroughly before eating or smoking after handling this material. Do not eat, drink or smoke in work areas. Prevent contact with incompatible materials. Avoid spills and keep away from drains. Handle in a manner to prevent generation of aerosols, vapors or dust clouds. Wear appropriate respirator when ventilation is inadequate.

### **7.2 Conditions for safe storage including any incompatibilities.**

Storage Precautions and Recommendations:

Do not store above the following temperature: 113°C (235.4°F). This product should be stored in a dry, well-ventilated location. Protect containers against physical damage. Keep away from heat, sparks, and flame. Should be periodically inspected.

Dangerous Incompatibility Reactions:

Incompatible with oxidizing materials

### **7.3 Specific end use(s)**

If a chemical safety assessment has been completed an exposure scenario is attached as an annex to this Safety Data Sheet. Refer to this annex for the specific exposure scenario control parameters for uses identified in subsection 1.2.

## **SECTION 8. Exposure controls/personal protection**

### **8.1 Control parameters**

#### **Ingredient name**

Stoddard solvent

#### **Exposure limits**

ACGIH TLV (United States, 3/2012)

TWA: 525 mg/m<sup>3</sup> 8 hours

TWA: 100 ppm 8 hours

NIOSH REL (United States, 6/2009)

CEIL: 1800 mg/m<sup>3</sup> 15 minutes

TWA: 350 mg/m<sup>3</sup> 10 hours

OSHA PEL (United States, 6/2010)

TWA: 2900 mg/m<sup>3</sup> 8 hours

TWA: 500 ppm 8 hours

## 8.2 Appropriate engineering controls

Use only with adequate ventilation.

## 8.3 Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

## 8.4 Individual protective measures

Hygiene measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, having sexual relations, smoking and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection

Recommended: Splash goggles and a face shield, where splash hazard exists.

Skin protection

Hand protection: 4-8 hours (breakthrough time); Nitril gloves

Body protection: Recommended: Long sleeved coveralls.

Other skin protection: Recommended: Impervious boots.

Respiration protection

If ventilation is inadequate, use a NIOSH-certified respirator with an organic vapor cartridge and P95 particulate filter.

## **SECTION 9. Physical and chemical properties**

### **9.1 Information on basic physical and chemical properties**

Appearance: Liquid

Color: Clear

Odor: Mild hydrocarbon

Odor threshold: Not available

pH: Not available

Melting point: Not available

Boiling point: 157.22 to 196.11°C (315 to 385°F)

Flash point: Closed cup: >37.77°C (> 100°F) (Pensky-Martens)

Lower explosive limit: 0.7%

Upper explosive limit: 0.6%

Relative density: 0.8

Evaporation rate: >1 (Butyl acetate = 1)

Solubility: Insoluble in cold or hot water.

Solubility in water: Insoluble

SADT: Not available

Partition coefficient: n-octanol/water: Not available

Auto-ignition temperature: Not available

Decomposition temperature: Not available

Vapor pressure: 0.27 to 0.4 kPa (2 to 3 mm Hg) (68°F)

Vapor density: >1 (Air = 1)

Flammability: Not available

## **SECTION 10. Stability and Reactivity**

### **10.1 Reactivity**

Not classified as dangerously reactive

### **10.2 Chemical stability**

Stable

### **10.3 Possibility of hazardous reactions:**

Not expected to occur.

- 10.4 Conditions to avoid:** Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas.
- 10.5 Incompatible materials:** Incompatible with oxidizing materials.
- 10.6 Hazardous decomposition products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## **SECTION 11. Toxicological Information**

### **11.1 Acute Toxicity**

There is no data available

### **11.2 Irritation/Corrosion**

<u>Product/ingredient name</u>	<u>Species</u>	<u>Result</u>	<u>Exposure</u>
Stoddard solvent	Rabbit	Eyes: moderate irritant	24 hours 500mg
	Human	Eyes: mild irritant	100ppm

### **11.3 Sensitiation**

Skin: No data available

Respiratory: No data available

### **11.4 Mutagenicity**

No data available

### **11.5 Carcinogenicity**

No data available

### **11.6 Reproductive toxicity:**

No data available

### **11.7 Teratogenicity**

No data available

### **11.8 Specific target organ toxicity (single exposure):**

No data available

### **11.9 Specific target organ toxicity (repeated exposure):**

No data available

### **11.10 Aspiration Hazard**

Name: Stoddard solvent Result: Aspiration Hazard - Category 1

### **11.11 Information on the likely routes of exposure**

Dermal contact, Eye contact, Inhalation, Ingestion

## **SECTION 12. Ecological Information**

### **12.1 Toxicity**

No data available.

### **12.2 Persistence and degradability**

No data available.

### **12.3 Bioaccumulative potential**

Ingredient name: Stoddard solvent

LogP<sub>ow</sub>: 3.16 to 7.06

BCF: -

Potential: high

### **12.4 Mobility in soil**

No data available.

### **12.5 Soil/water partition coefficient (K<sub>oc</sub>):**

No data available

### **12.6 Other adverse effects:**

No known significant effects or critical hazards



## **SECTION 13: Disposal considerations**

**13.1 Disposal methods:** Disposal of this product, solutions and any by products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirement

## **SECTION 14: Transport information**

**14.1 DOT Identification Number:** UN1268  
**14.2 DOT proper shipping name:** Petroleum Distillates, N.O.S. (Stoddard solvent)  
**14.3 DOT Hazard Class(es):** 3  
**14.4 PG:** III  
**14.5 DOT Emerg. Response Guide No. 128**

## **SECTION 15: Regulatory information**

### **15.1 U.S. Federal regulations:**

TSCA 8(a) CDR Exempt/Partial exemption: All components are listed or exempted.

United States Inventory (TSCA 8(b)): All components are listed or exempted.

Clean Air Act Sect. 602 Class I Substances: Not listed

Clean Air Act Sect. 602 Class II Substances: Not listed

Clean Air Act Sect. 112(b) Hazardous Air Pollutants (HAPs): Not listed

DEA List I Chemicals (Precursor Chemicals): Not listed

DEA List II Chemicals (Essential Chemicals): Not listed

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

### **15.2 SARA 302/304:**

Composition/Information on ingredients: No products were found

SARA 304 RQ: Not applicable

### **15.3 SARA 311/312:**

Classification: Fire Hazard

Composition/Information on ingredients: No products were found

### **15.4 SARA 313:**

This product does not contain toxic chemicals subject to the reporting requirements of SARA Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

*SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.*

### **15.5 HMIS (USA):**

Health Hazard: 2                      Fire Hazard: 2                      Reactivity: 0

Personal Protection: h

### **15.6 National Fire Protection Association (USA):**

Health Hazard: 2                      Flammability: 2                      Reactivity: 0

Specific Hazard: n/a

### **15.7 Protective Equipment:**

Gloves. Lab Coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

## **SECTION 16: Other Information**

### **16.1 References:**

Not available

### **16.2 Other Special Considerations:**

Not available

### **16.3 Created:**

01/05/2016 12:00pm

### **16.4 Last Updated:**

04/06/2018 3:30pm

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