

Safety Data Sheet

Revision Date 09-03-2014
Revision Number 5



SECTION 1 Identification of the substance/mixture and of the company/undertaking

Product identification used on label

Product identifier	3286 TECTYL 891D CLASS II
Details of the supplier of the safety data sheet	Daubert Chemical Company 4700 S. Central Avenue Chicago, IL 60638 708-496-7350
Emergency telephone number	Chemtrec: (800) 424-9300
Relevant identified uses of the substance or mixture and uses advised against	Corrosion Preventive Coating

SECTION 2 Hazards identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Hazard
Symbols



GHS Classification	Flammable Liquid Category 3
Signal Word	Hazardous to the aquatic environment - Acute Category 3
Hazard Statements	Warning Flammable liquid and vapour. Harmful to aquatic life.
Precautionary Statements	
Prevention	Keep away from heat/sparks/open flames/hot surfaces. – No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid release to the environment.
Response	Wear protective gloves/protective clothing/eye protection/face protection. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
Storage	Use dry chemical, water fog, CO ₂ , foam or sand/earth for extinction. Keep container tightly closed. Store in a well-ventilated place. Keep cool.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

Safety Data Sheet

Revision Date 09-03-2014
Revision Number 5

SECTION 3 Composition/information on ingredients

Chemical Name	CAS #	%
Stoddard solvent	8052-41-3	15 - 40
Light aromatic solvent naphtha	64742-95-6	1 - 5

Note: Specific chemical identities and/or exact percentages have been withheld as a trade secret.

SECTION 4 First aid measures

Inhalation	If symptoms are experienced remove source of contamination or move victim to fresh air and obtain medical advice.
Eyes	Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.
Skin Contact	Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.
Ingestion	Do not induce vomiting and seek medical attention immediately. Provide medical care provider with this SDS.
Note to Doctor	Treat symptomatically.

SECTION 5 Firefighting measures

Extinguishing media	Use alcohol resistant foam, carbon dioxide, or dry chemical extinguishing agents. Water may be ineffective but water spray can be used to extinguish a fire if swept across the base of the flames. Water can absorb heat and keep exposed material from being damaged by fire.
Fire and/or Explosion Hazards	Vapors may be ignited by sparks, flames or other sources of ignition if material is above the flash point giving rise to a fire (Class B). Vapors are heavier than air and may travel to a source of ignition and flash back.
Fire Fighting Methods and Protection	Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products. Flammable component(s) of this material may be lighter than water and burn while floating on the surface.
Hazardous Combustion Products	Oxides of carbon, Smoke, Sulfur oxides, Hydrogen sulfide

SECTION 6 Accidental release measures

Personal precautions, protective equipment and emergency procedures	Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section VIII of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill.
--	---

Safety Data Sheet

Revision Date 09-03-2014
Revision Number 5

Methods and materials for containment and cleaning up Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section VIII at a minimum. Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation.

SECTION 7 Handling and storage

Precautions for safe handling Avoid contacting and avoid breathing the material. Use only in a well ventilated area. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Wash thoroughly after handling. Do not get in eyes, on skin and clothing. Ground and bond containers when transferring material. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous.

Conditions for safe storage, including any incompatibilities Store in a cool dry place. Isolate from incompatible materials. Keep away from sources of ignition. Keep container closed when not in use.

Incompatible materials Strong oxidizing agents

SECTION 8 Exposure controls/personal protection

Control parameters

<u>Chemical Name</u>	<u>ACGIH TLV</u>	<u>ACGIH STEL</u>	<u>OSHA PEL</u>
Stoddard solvent	100 ppm TWA; 525 mg/m ³ TWA		500 ppm TWA; 2900 mg/m ³ TWA

Engineering Measures Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure. Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits

Respiratory Protection Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a respirator.

Eye Protection Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses.

Skin Protection Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

Gloves Impervious rubber

Safety Data Sheet

Revision Date 09-03-2014
Revision Number 5

SECTION 9 Physical and chemical properties (Typical, not specification)

Physical State	Viscous Liquid
Color	Black
Odor	Petroleum Type
Odor Threshold	No data available
pH	No data available
Melting Point, °C	No data available
Boiling Point, °C	No data available
Flash Point	>= 100 °F(38 °C)
Evaporation Rate	No data available
Flammability (Solid, Gas)	No data available
Lower Flammable/Explosive Limit, % in air	No data available
Upper Flammable/Explosive Limit, % in air	No data available
Vapor Pressure	No data available
Specific Gravity	0.91
Solubility in Water	Negligible; 0-1%
Octanol/Water Partition Coefficient	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity @ 25°C	< 2300 cP
Volatiles, % by weight	36.6
VOC, Method EPA 24, lb/gal	2.8
VOC, Method EPA 24, grams/liter	336

SECTION 10 Stability and reactivity

Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Strong oxidizing agents
Conditions to avoid	Contamination.
Incompatible materials	Strong oxidizing agents
Hazardous decomposition products	Decomposition and hazardous decomposition products are unlikely.

SECTION 11 Toxicological information

Likely Routes of Entry	Eye contact, Inhalation, Skin contact
Target Organs Potentially Affected by Exposure	Eyes, Skin, Nervous System, Respiratory Tract
Chemical Interactions That Change Toxicity	No chemical interaction known to affect toxicity.

Immediate (Acute) Health Effects by Route of Exposure

Inhalation Irritation	Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.
Skin Contact	Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.
Eye Contact	Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.

Safety Data Sheet

Revision Date 09-03-2014
Revision Number 5

Ingestion Irritation Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea.

Ingestion Toxicity Not believed to have any significant toxicity.

Long-Term (Chronic) Health Effects

Carcinogenicity Not listed by ACGIH, IARC, NIOSH, NTP OR OSHA.

Reproductive and Developmental Toxicity No data available to indicate product or any components present at greater than 0.1% may cause birth defects.

Mutagenicity No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

Inhalation Upon prolonged and/or repeated exposure, can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.

Skin Contact Upon prolonged or repeated contact, can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.

Component Toxicology Data

Chemical Name	CAS Number	LD50/LC50
Stoddard solvent	8052-41-3	Dermal LD50 Rabbit > 3000 mg/kg Dermal LD50 Rat > 2000 ml/kg Oral LD50 Rat > 5000 mg/kg Inhalation LC50 (4h) Rat > 5500 MG/CU M
Light aromatic solvent naphtha	64742-95-6	Dermal LD50 Rabbit > 3480 mg/kg Oral LD50 Rat > 4000 mg/kg Inhalation LC50 (4h) Rat = 3670 ppm

SECTION 12 Ecological information

Overview	No ecological information available
Mobility	No data
Persistence	No data
Bioaccumulation	No data
Degradability	No data

Ecotoxicity Data

Chemical Name	CAS Number	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
Light aromatic solvent naphtha	64742-95-6	EC50 (48 hr) Water flea = 6.14 mg/L		LC50 (96 hr) FISH = 58 mg/L

SECTION 13 Disposal considerations

Waste Description for Spent Product	Spent or discarded material is a hazardous waste.
Disposal Methods	Dispose of by incineration following Federal, State, Local, or Provincial regulations.
Waste Disposal Code(s)	D001

Safety Data Sheet

Revision Date 09-03-2014
Revision Number 5

SECTION 14 Transport information

Full Shipping Name for Export, Air, Sea (any quantity) or vessels of 119 gal. or more: UN1268 , PETROLEUM DISTILLATES, N.O.S., (Naphtha Solvent), 3, PG III
Domestic Ground in vessels < 119 gal. Not Regulated

SECTION 15 Regulatory information

TSCA Status All components in this product are on the TSCA Inventory or exempt.

Chemical Name	CAS #	Regulation	Percent
No 313-listed chemicals in this product		SARA 313	

SECTION 16 Other information

Revision Date 09-03-2014

Date

Disclaimer Although the information contained herein is believed to be reliable, it is furnished without warranty of any kind. This information is not intended to be all-inclusive as to the manner and conditions of use, handling, and storage.

Version Reviewed

Comments Approved: J. Kump / M. Duncan