

# Safety Data Sheet



Stock Number: 4301023  
Revision Date: 06-30-2020  
Replaces: 12-04-2019

## TecPlex® 2220S-H1

### 1. Identification

Product identifier used on the label: TecPlex® 2220S-H1  
Stock Number: 4301023

Other means of identification:  
Synonyms: None  
Chemical family: Mixture

Recommended use of the chemical and restrictions on use:  
Recommended use: Grease, incidental food contact  
Restrictions on use: Uses other than those described above

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party: Daubert Chemical Company  
4700 S. Central Avenue  
Chicago, IL 60638

Telephone number: 1-708-496-7350  
E-mail address: SDS@Daubert.com  
Emergency phone number: Chemtrec: 1-800-424-9300 (International)

### 2. Hazard(s) identification

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

GHS Classification: Not classified as hazardous in accordance with paragraph (d) of §1910.1200

Hazard Statements: Not hazardous under OSHA regulations.

Unclassified Hazards (HNOC):: None Identified

Hazards not otherwise classified: No data available

### 3. Composition/information on ingredients

Chemical Name	Common name and synonyms	CAS #	%
1-Decene homopolymer hydrogenated	None	68037-01-4	10 - 30

Specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. First-aid measures

Description of necessary measures, subdivided according to the different routes of exposure, i.e., inhalation, skin and eye contact, and ingestion:

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<b>Inhalation:</b>	This material does not present a hazard if inhaled. Remove individual to fresh air after an airborne exposure if any symptoms develop, as a precautionary measure.
<b>Eye Contact:</b>	Use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush the affected eye for at least twenty minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing.
<b>Skin Contact:</b>	Wash with soap and water. Get medical attention if irritation develops or persists.
<b>Ingestion:</b>	Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this SDS.
<b>Most important symptoms/effects, acute and delayed:</b>	See Section 11
<b>Indication of immediate medical attention and special treatment needed, if necessary:</b>	Consult a physician. Treat symptomatically.

## 5. Fire-fighting measures

### Suitable (and unsuitable) extinguishing media:

**Suitable extinguishing media:** Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire.

**Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical:** Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.

**Hazardous combustion products:** Oxides of carbon, Calcium oxides, Sulfur oxides, Hydrocarbons

**Special protective equipment and precautions for fire-fighters:** Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use appropriate methods for the surrounding fire.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** No health effects expected from the clean-up of this material, if contact can be avoided. Follow personal protective equipment recommendations found in Section VIII of this SDS

**Methods and materials for containment and cleaning up:** Collect and discard in accordance with local, state and national regulations.

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## 7. Handling and storage

**Precautions for safe handling:** Mildly irritating material. Avoid unnecessary exposure.

**Conditions for safe storage, including any incompatibilities:**

**Safe storage conditions:** Store in a cool dry place. Isolate from incompatible materials.

**Materials to Avoid/Chemical Incompatibility:** Strong oxidizing agents

## 8. Exposure controls/personal protection

OSHA permissible exposure limit (PEL), American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the safety data sheet, where available:

Chemical component	OSHA PEL	ACGIH TLV	ACGIH STEL	IDLH
No data available				

**Appropriate engineering controls:** General room ventilation might be required to maintain operator comfort under normal conditions of use.

**Individual protection measures, such as personal protective equipment:**

**Respiratory Protection:** Under normal conditions, a respirator is not normally required. If vapors, mists or aerosols are generated, wear a NIOSH approved respirator.

**Eye protection:** Wear safety glasses when handling this product.

**Skin protection:** Not normally considered a skin hazard. Where use of product can result in skin contact, practice good personal hygiene and wear a barrier cream and/or impervious surgical style gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

**Gloves:** Chemically resistant gloves

**Other protective equipment:** Wear safety glasses when handling this product.

Not normally considered a skin hazard. Where use of product can result in skin contact, practice good personal hygiene and wear a barrier cream and/or impervious surgical style gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

**General hygiene conditions:** No data available

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## 9. Physical and chemical properties

### Appearance (physical state, color etc.):

Physical state:	Viscous Liquid
Color:	White to off-white
Odor:	Mild
	Petroleum Type
Odor Threshold:	No data available
pH:	No data available
Melting point/freezing point (°C):	
Melting Point (°C):	No data available
Freezing point (°C):	No data available
Initial boiling point and boiling range (°C):	No data available
Flash Point:	> 446 °F( 230 °C)
Evaporation Rate:	No data available
Flammability (solid, gas):	No data available
Upper/lower flammability or explosive limits:	
Upper flammability or explosive limits:	No data available
Lower flammability or explosive limits:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Relative density:	1.04
Solubility(ies):	Negligible; 0-1%
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature (°C):	No data available
Decomposition Temperature (°C):	No data available
Viscosity:	Typical 300000 - 400000 cP
Volatiles, % by weight:	0.8
VOC, Material, lb/gal	0
VOC, Material, grams/liter	0
VOC minus exempt solvents & water, g/L	0

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## 10. Stability and reactivity

<b>Reactivity:</b>	Not expected to be reactive
<b>Chemical stability:</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Conditions to avoid (e.g., static discharge, shock, or vibration):</b>	Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition. Contamination.
<b>Incompatible materials:</b>	Strong oxidizing agents
<b>Hazardous decomposition products:</b>	Under normal conditions of use & storage, decomposition and hazardous decomposition products are unlikely.

## 11. Toxicological information

**Description of the various toxicological (health) effects and the available data used to identify those effects:**

**Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact):** Inhalation, Skin contact, Eye contact

**Symptoms related to the physical, chemical and toxicological characteristics:** No data available

**Delayed and immediate effects and also chronic effects from short- and long-term exposure:**

<b>Ingestion Toxicity:</b>	Estimated to be > 5.0 g/kg; practically non-toxic
<b>Skin Contact:</b>	Can cause minor skin irritation, defatting, and dermatitis.
<b>Inhalation Toxicity:</b>	No data available
<b>Eye Contact:</b>	Can cause minor irritation, tearing and reddening.
<b>Sensitization:</b>	None known
<b>Mutagenicity:</b>	No data
<b>Reproductive and Developmental Toxicity:</b>	No data available
<b>Carcinogenicity:</b>	There are no carcinogenic ingredients present at or over 0.1%.
<b>STOT-single exposure:</b>	Based on available data, the classification criteria are not met.
<b>STOT-repeated exposure:</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard:</b>	Based on available data, the classification criteria are not met.

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Numerical measures of toxicity (such as acute toxicity estimates):

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
1-Decene homopolymer hydrogenated	Oral LD50 Rat > 5000 mg/L	Dermal LD50 Rabbit > 2000 mg/kg	Inhalation LC50 (4h) Rat > 5.2 mg/L

Is the hazardous chemical listed in the National Toxicology Program (NTP) Report on Carcinogens (latest edition) or has it been found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs (latest edition), or by OSHA?:

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen.			

## 12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available): No data available

Ecological Toxicity Data:

Chemical Name	CAS #	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
1-Decene homopolymer hydrogenated	68037-01-4	EC50(48 HR) WATER FLEA > 1000 mg/L	EC50(96HR) GREEN ALGAE > 1000 mg/L	LC50(96 HR) FLATHEAD MINNOW > 750 mg/L

Persistence and degradability: No data

Bioaccumulative potential: No data available

Mobility in soil: No data available

Other adverse effects (such as hazardous to the ozone layer): No data available

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## 13. Disposal considerations

Description of waste residues and information on their safe handling and methods of disposal, including the disposal of any contaminated packaging:

Spent or discarded material is not expected to be a hazardous waste.

Dispose of in accordance with Local and National regulations.

Waste codes / waste designations:

Not applicable

## 14. Transport information

Domestic Ground in containers <= 119 GL Grease/Non-Hazardous

Domestic Ground in containers > 119 GL Grease/Non-Hazardous

Shipping name for Export, Air (IATA) Grease/Non-Hazardous

Shipping name for Export, Sea (IMDG) Grease/Non-Hazardous

Marine Pollutant? No

## 15. Regulatory information

Status of formula components on selected national regulatory inventories:

LIST	STATUS
TSCA	All components in this product are on the TSCA Inventory or exempt.
Canadian DSL	One or more chemical substances in this material are on the Canadian NDSL and the remainder are included on the Canadian DSL or are exempt.

Chemical Name	CAS #	Regulation	Percent
Contains no components from California Prop. 65 - Cancer list		Prop. 65 - Cancer	

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Contains no components from California Prop. 65 - Developmental/Reproductive list	Prop. 65 - Developmental and/or Reproductive
No CERCLA-listed chemicals in this product.	CERCLA
No 313-listed chemicals in this product.	SARA 313
No SARA 302 EHS-listed chemicals in this product.	SARA EHS

## 16. Other information, including date of preparation or last revision.

SDS Prepared by: DAUBERT\HALINSKI

Revision Date: 06-30-2020

Revision Number: 27

Reason for revision: Reviewed  
Approved: C. Williams

**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.