

**Safety Data Sheet**  
acc. to OSHA HCS (29 CFR 1910.1200)

**DYNA-BUSTER**

Revision: 11/30/17

**1. Identification**

**Product identifier**

**Product name:** DYNA-BUSTER

**Product number:** 122

**Recommended use and restriction on use**

**Recommended use:** Penetrating lubricant/release agent

**Restrictions on use:** No relevant information available.

**Details of the supplier of the Safety Data Sheet**

Verax Chemical Company  
20102 Broadway Ave  
Snohomish, WA 98296  
Tel: 360-668-2431

**Emergency telephone number**

USA: (800) 535-5053                      International: +1 (352) 323-3500

**2. Hazard(s) identification**

**Classification of the substance or mixture**

**Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)**

The product is not classified as hazardous according to the Globally Harmonized System (GHS).

OR

Hazard class and category	Hazard statement code(s)	
Flammable aerosols	Cat. 1.	H222
Flammable liquids	Cat. 4.	H227
Gasses under pressure	Cat. Compressed Liquid.	H280
Acute toxicity – Oral	Cat. 4	H302
Aspiration hazard	Cat. 1	H304
Serious eye damage/eye irritation	Cat. 2A	H319
Germ cell mutagenicity	Cat. 1A, 1B	H340
Specific target organ toxicity – single exposure	Cat. 1	H370
Specific target organ toxicity – repeated exposure	Cat. 1	H372

**Label elements**

**Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200) Hazard pictograms**

**Signal word:** Danger

**Pictograms**



GHS02

GHS04

GHS07

GHS08

**Hazard statements**

H222	Extremely flammable aerosol.
H227	Combustible liquid.
H280	Contains gas under pressure; may explode if heated.
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways.

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H319	Causes serious eye irritation.
H340	May cause genetic defects.
H370	Causes damage to organs.
H372	Causes damage to organs through prolonged or repeated exposure.

#### Precautionary statements - prevention

Keep out of reach of children. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Do not eat, drink, or smoke when using this product. Wear eye protection.

#### Precautionary statements – response

Immediately call a POISON CENTER or doctor

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 SWALLOWED: Immediately call a POISON CENTER or doctor. Do NOT induce vomiting.

#### Precautionary statements – storage

Store in a well-ventilated place. Keep cool. Store locked up. Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50°C/122°F.

#### Precautionary statements – disposal

Dispose of contents / container in accordance with local / regional / national / international regulations

### 3. Composition/information on ingredients

Chemical Name	CAS No.	Weight %
Aliphatic hydrocarbon	64742-88-7	25-31
Odorless mineral spirits	64741-65-7	20-26
1-methoxy-2-propanol	107-98-2	15-21
Propane	74-98-6	10-16
Hydrotreated naphtha oil – 1	64742-52-5	8-10
N-butane	106-97-8	5-8
(Bin 14) Aliphatic hydrocarbon	8052-41-3	3-5
Paraffinic distillate	64742-54-7	1-3

#### Additional information:

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret. \*\*

### 4. First-aid measures

#### Description of first aid measures

##### General Advice

Immediately call a poison center or doctor/physician.

##### After inhalation

Move person to fresh air and keep in comfortable position for breathing. If breathing difficulty persists: Get medical advice/attention.

##### After skin contact

Wash with plenty of soap and water. Remove contaminated clothing and wash before reuse. If skin irritation

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persists: Get medical advice/attention.

### After eye contact

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.

### After swallowing

Immediately call a poison center/doctor. Do NOT induce vomiting unless directed to do so by medical personnel.

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

See Section 11: Toxicological Information and effects.

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

Treat symptomatically.

## 5. Fire-fighting measures

### Extinguishing media

#### Suitable extinguishing agents

CO2 (Carbon Dioxide), dry chemical, or water fog..

**Unsuitable extinguishing agents:** Water spray may be unsuitable. However if water is used fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and explosion when exposed to extreme heat.

### Special hazards arising from the substance or mixture

Closed containers exposed to heat from fire may build pressure and explode. Products of combustion may include but are not limited to: oxides of carbon.

### Advice for firefighters

#### Protective equipment:

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

Use personal protection recommended in Section 8.

#### Environmental precautions

Prevent contamination of soil/ground, waterways, drains, and sewers.

### Methods and material for containment and cleaning up

#### Methods for containment

Absorb spilled liquid in suitable material.

#### Methods for clean-up

Use spark-proof tools to sweep or scrape up, containerize, and dispose of properly.

### Other information

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Ensure adequate ventilation.

### Reference to other sections

See Section 7 for information on safe handling.  
 See Section 8 for information on personal protection equipment.  
 See Section 13 for disposal information.

## 7. Handling and storage

### Precautions for safe handling

#### Information about protection against explosions and fires

Vapors may ignite explosively. Prevent buildup of vapors. Keep from sparks, heat, flame or other heat sources. Do not smoke. Turn off pilot lights, heaters, electric motors, and other sources of ignition during use and until all vapors are gone. Do not puncture or incinerate/burn container. Deep container tightly closed while not in use.

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

##### Storage Conditions

Store in dry, well-ventilated area and in accordance with federal, state, and local regulations. Do not expose to or store at temperatures above 50 degrees C / 122 degrees F. If storing in cold temperatures, allow product to warm to room temperatures before use. Keep container tightly closed and away from heat and sunlight when not in use.

##### Requirements to be met by storerooms and receptacles

Avoid storage near extreme heat, ignition sources or open flame.

##### Incompatible substances or mixtures

Observe compatible storage of chemicals.

**Specific end use(s):** No relevant information available.

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Chemical Name	CAS No.	Type	[ppm]	[mg/m <sup>3</sup> ]
Aliphatic hydrocarbon	64742-88-7	TWA	500	-
Propane	74-98-6	TWA	1000	-
N-butane	106-97-8	TWA	800	-

#### US. ACGIH Threshold Limit Values

Chemical Name	CAS No.	Type	[ppm]	[mg/m <sup>3</sup> ]
Aliphatic hydrocarbon	64742-88-7	TWA	100	-
1-methoxy-2-propanol	107-98-2	TWA	100	-
Propane	74-98-6	STEL/TWA	1800/2500	-



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<b>Decomposition temperature</b>	Not determined
<b>Flammability (solid, gas)</b>	Not determined
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit – lower (%)</b>	Not determined
<b>Flammability limit – upper (%)</b>	Not determined
<b>Explosive limit – lower (%)</b>	Not determined
<b>Explosive limit – upper (%)</b>	Not determined
<b>Vapor Pressure at 20°C (68°F)</b>	Not determined
<b>Density at 20°C (68°F)</b>	0.72 g/cm <sup>3</sup> (6 lbs/gal)
<b>Relative density</b>	Not determined
<b>Vapor density</b>	Not determined
<b>Evaporation rate</b>	Not determined
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Negligible
<b>Partition coefficient (n-octanol/water)</b>	Not determined
<b>Viscosity</b>	Not determined
<b>Other information</b>	No relevant information available

## 10 Stability and reactivity

### Reactivity

The product is stable and non-reactive under normal conditions of use, storage, and transport

### Chemical stability

The product is stable under normal conditions

### Possibility of hazardous reactions

Will not occur.

### Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### Incompatible materials

Strong oxidizing agents.

### Hazardous decomposition products

By fire – carbon dioxide and carbon monoxide.

## 11 Toxicological information

### Information on likely routes of exposure

#### Product Information

**Eye Contact:** Signs/symptoms may include significant redness, swelling, pain, tearing, cloudy appearance of cornea, and impaired vision.

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**Skin Contact:** Signs/symptoms may include localized redness, itching, drying and cracking of skin.

**Inhalation:** Intentional concentration and inhalation may be harmful or fatal.

**Ingestion:** Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Odorless mineral spirits 64741-65-7	>2000 mg/kg (Rat)	>2000 mg/kg (Rat)	-
Propane 74-98-6	=1000 mg/kg (Rat)	=1800 mg/kg (Rat)	-

**Information on physical, chemical and toxicological effects**

**Symptoms**

Please see section 4 of this SDS for symptoms.

**12 Ecological information**

No data available.

**13 Disposal considerations**

**Waste treatment methods**  
**Disposal Recommendations**

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

**14 Transport information**

**DOT**

<b>UN number</b>	UN1950
<b>UN proper shipping name</b>	Aerosols, flammable
<b>Transport hazard class(es)</b>	
<b>Class</b>	2.1
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	2.1
<b>Packing group</b>	Not applicable
<b>Special precautions for user</b>	Read safety instructions, SDS, and emergency procedures before handling
<b>Special provisions</b>	N82
<b>Packaging exceptions</b>	306
<b>Packaging non bulk</b>	None
<b>Packaging bulk</b>	None

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require

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the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

#### IATA

<b>UN number</b>	UN1950
<b>UN proper shipping name</b>	Aerosols, flammable
<b>Transport hazard class(es)</b>	
<b>Class</b>	2.1
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	2.1
<b>Packing group</b>	Not applicable
<b>Environmental hazards</b>	Not determined
<b>ERG Code</b>	-
<b>Special precautions for user</b>	Read safety instructions, SDS, and emergency procedures before handling
<b>Other information</b>	
<b>Passenger and cargo aircraft</b>	Allowed
<b>Cargo aircraft only</b>	Allowed
<b>Packaging Exceptions</b>	LTD QTY

#### IMDG

<b>UN number</b>	UN1950
<b>UN proper shipping name</b>	AEROSOLS
<b>Transport hazard class(es)</b>	
<b>Class</b>	2.1
<b>Subsidiary risk</b>	-
<b>Label(s)</b>	2.1
<b>Packing group</b>	Not applicable
<b>Environmental hazards</b>	
<b>Marine Pollutant</b>	Not determined
<b>EmS</b>	F-D, S-U
<b>Special precautions for user</b>	Read safety instructions, SDS, and emergency procedures before handling
<b>Packaging Exceptions</b>	LTD QTY
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not applicable

### 15 Regulatory information

#### International Inventories

All components of the product are listed on or exempt from the following inventories: TSCA (United States), CEPA/DSL (Canada), AICS (Australia), IECSC (China).

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Date of Preparation / current revision:** 11/30/2017 /

**· Sources**

Website, European Chemicals Agency ([echa.europa.eu](http://echa.europa.eu))



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Website, US EPA Substance Registry Services ([ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do](http://ofmpub.epa.gov/sor internet/registry/substreg/home/overview/home.do))

Website, Chemical Abstracts Registry, American Chemical Society ([www.cas.org](http://www.cas.org)) Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers