

SAFETY DATA SHEET

SECTION 1

MATERIAL IDENTIFICATION

PRODUCT NAME / DESCRIPTION: VIBRAKLEEN

DISTRIBUTED / MANUFACTURED BY:

Temco Industries, INC.

1180 Brookside CT

Edmond, OK 73025

Date: 10/1/25

Phone: (800) 245-1869

Emergency Phone: (800) 255-3924

FUNCTION Industrial Cleaner

SECTION 2

HAZARD IDENTIFICATION

CLASSIFICATION:

Flammability:	Category 2
Acute Toxicity: Oral	Category 4
Skin Corrosion/Irritation:	Category 1.3
Serious Eye Damage/Eye Irritation:	Category 2A
TOST: Acute	Category 3
Aquatic Toxicity: Acute	Category 3
Aquatic Toxicity: Chronic	Category 3

SIGNAL WORD:

DANGER!

HAZARD STATEMENTS:

Highly flammable liquid and vapor.

Corrosive to respiratory tract.

Harmful if swallowed.

Causes severe skin burns and eye damage.

Causes serious eye irritation.

May cause respiratory irritation.

May cause drowsiness or dizziness.

Harmful to aquatic life.

Harmful to aquatic life with long lasting effects.





PRECAUTIONARY STATEMENTS

Obtain Special instructions before use.

Do not handle until all safety precautions have been read and understood.

Use personal protective equipment as required.

Avoid breathing dust/fume/gas/mist/vapors/spray.

Use only outdoors or in a well ventilated area.

Wash all exposed skin thoroughly after handling.

Avoid release to the environment.

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Keep container tightly closed.

Keep only in original container.

Do not get in eyes, on skin, or on clothing.

Do not eat, drink, or smoke when using this product.

Keep away from heat/sparks/open flame/hot surfaces.-No smoking.

Do not spray on an open flame or ignition source.

Keep/store away from clothing/.../combustible materials.

Take any precaution to avoid mixing with combustibles.

Wear flame/fire resistant/retardant clothing.

In case of fire, stop leak if safe to do so.

In case of fire, eliminate all ignition sources if safe to do so.

Ground/bond container and receiving equipment.

Use explosion proof electrical/ventilating/lighting/.../equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Do not subject to grinding/shock/.../friction.

In case of fire, Evacuate area. Fight fire remotely due to the risk of explosion.

TOXICITY:

See Section 11

SECTION 3

HEALTH HAZARDS

CHEMICAL NAME	%W/W	CAS NUMBER
2-Propanol, 1-Butoxy-	5.0-10.0	5131-66-8
Isopropyl alcohol	5.0-10.0	67-63-0
9 Mol Ethoxylated Nonylphenol	3.0-7.0	127087-87-0
B-Alanine, N-(2-carboxyethyl)-N-(3-(decyloxy)propyl)- ,sodium salt (1:1)	3.0-7.0	64972-19-6

Tetrapotassium Pyrophosphate	1.0-5.0	7320-34-5
Benzenesulfonic acid, dimethyl-, sodium salt (1:1)	1.0-5.0	1300-72-7
2-(2'-Octenyl)succinic acid	1.0-5.0	62568-82-5
Potassium Hydroxide	1.0-5.0	1310-58-3
Octenylsuccinic acid (Proprietary Formula)	1.0-5.0	28805-58-5

SECTION 4

FIRST AID

Potential acute health effects:

- Eyes:** May cause severe irritation, burns, and/or damage
- Skin:** May cause severe irritation, burns, and/or damage
- Inhalation:** Inhalation may cause severe irritation
- Ingestion:** Ingestion may cause irritation, corrosion/ulceration, nausea, and vomiting.

Medical conditions aggravated by exposure:

None known.

Eye Contact: In case of contact, immediately flush eyes with cool running water. Lift and separate eyelids while flushing with plenty of water for at least 15 minutes. Get medical attention.

Skin Contact: Wash with soap and water. Get medical attention if irritation occurs. Wash clothing before reuse. Destroy contaminated shoes.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if symptoms develop.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Give plenty of water.

PPE Recommendations:

Eye/Face Safety glasses, goggles, or a face shield as required.

Protection:

Hand Chemical resistant gloves as required.

Protection:

Skin Chemical resistant clothing as required.

Protection:

Respiratory Protection: Dust masks, respirator, or SCBA as required.

Symptoms of Exposure: See Section 11.

SECTION 5

FIRE FIGHTING MEASURES

Fire Hazard Classification (OSHA/NFPA):	2
Extinguishing Media:	As required for fire being fought.
Special Fire Fighting Procedures:	Use self-contained breathing apparatus.
Hazardous Combustion Products:	None known.

SECTION 6

ACCIDENTAL RELEASE MEASURES

Personal Precautions, PPE, and Emergency Procedures:	Wear protective clothing as described in Section 8 of this safety data sheet. Remove ignition sources. Provide sufficient ventilation. Evacuate danger area if needed or consult an expert.
Containment Procedures:	Stop the flow of material, if this is without risk. Wear appropriate protective equipment and clothing during clean-up. Do not allow the spilled product to enter public drainage system or open water courses.
Clean-Up Procedures:	Use adsorbent materials if needed. Sweep up or gather material and place in appropriate container for disposal. Wash spill area thoroughly. Wear appropriate protective equipment during cleanup. Dispose of collected material according to regulations.

SECTION 7

HANDLING AND STORAGE

Handling:	Avoid contact with eyes, skin, and clothing. Do not take internally. For industrial use only. Wash after handling. Don't breath dust, vapor, or gas. Keep this and all chemicals out of reach of children.
Storage:	Keep away from heat, sparks, and open flames. Prevent spills. Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. Empty product containers may contain product residue, do not reuse.

SECTION 8

PERSONAL PROTECTION / EXPOSURE CONTROLS

Occupational Exposure Limits:

Raw Material	Type	Value	Source
--------------	------	-------	--------

Octenylsuccinic acid (28805-58-5)	No data available		
Biological Limit Values:			
Raw Material	Value	Determinant	Speciment
Octenylsuccinic acid (28805-58-5)	No data available		
Ventilation System: Always keep exposure below permissible exposure limits. In general dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.			

Personal Protection: As prescribed in the OSHA Standard for Personal Protective Equipment (29 CFR 1920.132), employers must perform a Hazard Assessment for all workplaces to determine the need for, and selection of, proper protective equipment for each task performed.

Eyes: Wear face shield, safety glasses, or chemical goggles.

Hands & Skin: For prolonged or repeated handling, use impervious gloves. Gloves should be tested to determine suitability for prolonged contact. Use of impervious apron and boots are recommended.

Respiratory: If ventilation is not sufficient appropriate NIOSH/MSHA respiratory protection must be provided.

Work Practices: Eye wash fountain and emergency showers are recommended.

SECTION 9

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Liquid
Color:	Blue
Odor:	Citrus-like
Odor Threshold:	NE
pH:	9.0 +/- 0.5
Boiling Point:	NE
Melting Point:	NE

Flash Point:	NE
Evaporation Rate (Butylacetate=1):	NE
Flammability:	Flammable
UEL:	NE
LEL:	NE
Vapor Pressure:	NE
Vapor Density:	NE
Specific Gravity (Water=1):	1.04 +/- 0.05
Solubility Water:	Soluble
Partition Coefficient:	NE
Auto-ignition Temperature:	NE
Decomposition Temperature:	NE
Kinematic Viscosity (CPS):	NE

SECTION 10

STABILITY AND REACTIVITY

Stability:	This product is stable under normal temperatures and pressures.
Incompatibility:	Strong Acids Strong Alkalies Unknown
Decomposition Products:	Unknown
Conditions to Avoid:	None Known

SECTION 11

TOXICOLOGICAL PROPERTIES

Acute Toxicity

Raw Material	Test	Result	Route	Species
2-Propanol, 1-Butoxy- (5131-66-8)	No data available			
Isopropyl alcohol (67-63-0)	LD50	>5000mg/kg	Oral	Rat
9 Mol Ethoxylated Nonylphenol (127087-87-0)	LD50	>960mg/kg	Oral	Rat
B-Alanine, N-(2-carboxyethyl)-N-(3-(decyloxy)propyl)-,sodium salt (1:1)	LD50	>2000 mg/kg	Oral	Human
Tetrapotassium Pyrophosphate (7320-34-5)	No data available			
Benzenesulfonic acid, dimethyl-, sodium salt (1:1) (1300-72-7)	LD50	>7000mg/kg	Oral	rat
2-(2'-Octenyl)succinic acid (62568-82-5)	LD50	> 1410 mg/kg	Oral	Rat (Male)
Potassium Hydroxide (1310-58-3)	LD50	333mg/kg	Oral	Rat (male)
Octenylsuccinic acid (28805-58-5)	LD50	> 1410 mg/kg	Oral	Rat (Male)

SKIN CORROSION/IRRITATION

Causes destruction of skin tissue, namely, visible necrosis through the epidermis and into the dermis, in at least one tested animal after exposure <4h.

Has shown corrosive responses following exposure for greater than 3 min but less than or equal to 1h during an observation period of less than or equal to 14 days.

EYE DAMAGE/IRRITATION

Has shown damage that is fully reversible within an observation period of 21 days.

RESPIRATORY OR SKIN SENSITIZATION

No data available

CARCINOGENICITY

No known carcinogens

MUTAGENICITY:

No known mutagens.

REPRODUCTIVE TOXINS:

No known reproductive toxins.

SPECIFIC TARGET ORGAN TOXICITY-SINGLE EXPOSURE:

Isopropyl alcohol has been shown to cause effects which adversely alter human function for a short duration after exposure and from which humans may recover in a reasonable period without leaving significant alteration of structure or function. This includes narcotic effects and respiratory irritation.

Exposure Route: No data available

No target organ information is known.

Symptoms: May cause drowsiness and dizziness

No symptom onset information is known.

B-Alanine, N-(2-carboxyethyl)-N-(3-(decyloxy)propyl)-,sodium salt (1:1) has been shown to cause effects which adversely alter human function for a short duration after exposure and from which humans may recover in a reasonable period without leaving significant alteration of structure or function. This includes narcotic effects and respiratory irritation.

Exposure Route: No data available

No target organ information is known.

No symptom information is known.

No symptom onset information is known.

SPECIFIC TARGET ORGAN TOXICITY-REPEATED EXPOSURE:

No known toxic effects due to repeated exposure.

ASPIRATION TOXICITY:

No known aspiration toxicity.

INTERACTIVE EFFECTS:

No known interactive effects.

SECTION 12**ECOLOGICAL INFORMATION**

Raw Material	Test	Result	Time	Species
	N/A			
Octenylsuccinic acid (28805-58-5)	EC50	22mg/L	48hr	Water flea
Raw Material	Persistence	Bioaccum. Test	Bioaccum. Result	Mobility Test
Octenylsuccinic acid (28805-58-5)	No Data Available	No data available		No data available

SECTION 13

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use, or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose container and unused contents in accordance with federal, state, and local requirements.

SECTION 14**TRANSPORT INFORMATION**

Packages <119 gals:

FLAMMABLE LIQUIDS, n.o.s.,

(Contains Isopropyl Alcohol)

3, UN1993, PGIII

LABEL/PLACARD REQUIRED

Packages >119 gals:

FLAMMABLE LIQUIDS, n.o.s.,

(Contains Isopropyl Alcohol)

3, UN1993, PGIII
LABEL/PLACARD REQUIRED

SECTION 15

REGULATORY INFORMATION

US FEDERAL REGULATIONS

SARA (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

SARA 302 EXTREMELY HAZARDOUS SUBSTANCES LIST:

Raw Material	Listed/Not Listed
2-Propanol, 1-Butoxy- (5131-66-8)	Not Listed
Isopropyl alcohol (67-63-0)	Not Listed
9 Mol Ethoxylated Nonylphenol (127087-87-0)	Not Listed
B-Alanine, N-(2-carboxyethyl)-N-(3-(decyloxy)propyl)-,sodium salt (1:1)	Not Listed
Tetrapotassium Pyrophosphate (7320-34-5)	Not Listed
Benzenesulfonic acid, dimethyl-, sodium salt (1:1) (1300-72-7)	Not Listed
2-(2'-Octenyl)succinic acid (62568-82-5)	Not Listed
Potassium Hydroxide (1310-58-3)	Not Listed

SARA 312 HAZARD CATEGORY:

Raw Material	Yes/No
2-Propanol, 1-Butoxy- (5131-66-8)	Yes
Isopropyl alcohol (67-63-0)	Yes
9 Mol Ethoxylated Nonylphenol (127087-87-0)	No
B-Alanine, N-(2-carboxyethyl)-N-(3-(decyloxy)propyl)-,sodium salt (1:1) (64972-19-6)	Yes
Tetrapotassium Pyrophosphate (7320-34-5)	No
Benzenesulfonic acid, dimethyl-, sodium salt (1:1) (1300-72-7)	Yes
2-(2'-Octenyl)succinic acid (62568-82-5)	No
Potassium Hydroxide (1310-58-3)	Yes

--	--

SARA 313 TOXIC CHEMICALS LIST:

Raw Material	Listed/Not Listed
2-Propanol, 1-Butoxy- (5131-66-8)	Not Listed
Isopropyl alcohol (67-63-0)	Listed
9 Mol Ethoxylated Nonylphenol (127087-87-0)	Listed
(decyloxy)propyl)-,sodium salt (1:1) (64972-19-6)	Not Listed
Tetrapotassium Pyrophosphate (7320-34-5)	Not Listed
Benzenesulfonic acid, dimethyl-, sodium salt (1:1) (1300-72-7)	Listed
2-(2'-Octenyl)succinic acid (62568-82-5)	Not Listed
Potassium Hydroxide (1310-58-3)	Not Listed

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT):

Raw Material	Regulated/Not Regulated
2-Propanol, 1-Butoxy- (5131-66-8)	Not Regulated
Isopropyl alcohol (67-63-0)	Not Regulated
9 Mol Ethoxylated Nonylphenol (127087-87-0)	Not Regulated
B-Alanine, N-(2-carboxyethyl)-N-(3-(decyloxy)propyl)-,sodium salt (1:1)	Not Regulated
Tetrapotassium Pyrophosphate (7320-34-5)	Regulated
Benzenesulfonic acid, dimethyl-, sodium salt (1:1) (1300-72-7)	Not Regulated
2-(2'-Octenyl)succinic acid (62568-82-5)	Not Regulated
Potassium Hydroxide (1310-58-3)	Regulated

RCRA (RESOURCE CONSERVATION AND RECOVERY ACT) LISTED HAZARDOUS WASTES:

Raw Material	Listed/Not Listed
2-Propanol, 1-Butoxy- (5131-66-8)	Not Listed
Isopropyl alcohol (67-63-0)	Not Listed

9 Mol Ethoxylated Nonylphenol (127087-87-0)	Not Listed
B-Alanine, N-(2-carboxyethyl)-N-(3-(decyloxy)propyl)-,sodium salt (1:1)	Not Listed
Tetrapotassium Pyrophosphate (7320-34-5)	Not Listed
Benzenesulfonic acid, dimethyl-, sodium salt (1:1) (1300-72-7)	Not Listed
2-(2'-Octenyl)succinic acid (62568-82-5)	Not Listed
Potassium Hydroxide (1310-58-3)	Not Listed

CWA (CLEAN WATER ACT) LISTED SUBSTANCES:

Raw Material	Listed/Not Listed
2-Propanol, 1-Butoxy- (5131-66-8)	Not Listed
Isopropyl alcohol (67-63-0)	Not Listed
9 Mol Ethoxylated Nonylphenol (127087-87-0)	Not Listed
B-Alanine, N-(2-carboxyethyl)-N-(3-(decyloxy)propyl)-,sodium salt (1:1)	Not Listed
Tetrapotassium Pyrophosphate (7320-34-5)	Not Listed
Benzenesulfonic acid, dimethyl-, sodium salt (1:1) (1300-72-7)	Not Listed
2-(2'-Octenyl)succinic acid (62568-82-5)	Not Listed
Potassium Hydroxide (1310-58-3)	Listed

FDA (FOOD AND DRUG ADMINISTRATION):

Raw Material	Regulated/Not Regulated
2-Propanol, 1-Butoxy- (5131-66-8)	Not Regulated
Isopropyl alcohol (67-63-0)	Regulated
9 Mol Ethoxylated Nonylphenol (127087-87-0)	Regulated
B-Alanine, N-(2-carboxyethyl)-N-(3-(decyloxy)propyl)-,sodium salt (1:1) (64972-19-6)	Not Regulated
Tetrapotassium Pyrophosphate (7320-34-5)	Regulated

Benzenesulfonic acid, dimethyl-, sodium salt (1:1) (1300-72-7)	Not Regulated
2-(2'-Octenyl)succinic acid (62568-82-5)	Not Regulated
Potassium Hydroxide (1310-58-3)	Regulated

TOXIC SUBSTANCES CONTROL ACT (TSCA):

Raw Material	Listed/Not Listed
2-Propanol, 1-Butoxy- (5131-66-8)	Listed
Isopropyl alcohol (67-63-0)	Listed
9 Mol Ethoxylated Nonylphenol (127087-87-0)	Listed
(decyloxy)propyl)-,sodium salt (1:1) (64972-19-6)	Listed
Tetrapotassium Pyrophosphate (7320-34-5)	Listed
Benzenesulfonic acid, dimethyl-, sodium salt (1:1) (1300-72-7)	Listed
2-(2'-Octenyl)succinic acid (62568-82-5)	No Data Available
Potassium Hydroxide (1310-58-3)	Listed

NFPA HAZARD INFORMATION SIGN:

[1] HEALTH HAZARD (BLUE DIAMOND)

4-DEADLY
3-EXTREME DANGER
2-HAZARDOUS
1-SLIGHTLY HAZARDOUS
0-NORMAL MATERIAL

[0] REACTIVITY HAZARD (YELLOW DIAMOND)

4-MAY DETONATE
3-SHOCK AND HEAT MAY DETONATE
2-VIOLENT CHEMICAL CHANGE
1-UNSTABLE IF HEATED
0-STABLE

[2] FIRE HAZARD (RED DIAMOND)

FLASH POINTS:
4-BELOW 73 F
3-BELOW 100 F
2-BELOW 200 F
1-ABOVE 200 F
0-WILL NOT BURN

[] SPECIFIC HAZARD (WHITE DIAMOND)

OX OXIDIZER
ACID ACID
ALK ALKALI
COR CORROSIVE
W USE NO WATER

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE. THIS SDS HAS BEEN REVISED TO MEET GHS REV. 7 UPDATES. THE INFORMATION USED TO CREATE THE SDS IS BASED FROM SUPPLIER'S RAW MATERIAL SDSs.