

JEFFCOOL® E100

Version	Revision Date:	SDS Number:	Date of last issue: 12/08/2019
2.0	09/17/2020	400041003933	Date of first issue: 12/08/2019

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SECTION 1. IDENTIFICATION

Product name : JEFFCOOL® E100

Manufacturer or supplier's details

Company name of supplier	:	Level 7 Chemical
Address	:	255 Sturgis Rd Conway, AR 72034

Telephone	:	(855) 927-1777
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Emergency telephone number	:	CHEMTREC - USA (English)
		Local Number (National): +1 703-741-5970
		Toll-Free Number: 1-800-424-9300


Recommended use of the chemical and restrictions on use

Recommended use	:	Heat transfer fluids
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SECTION 2. HAZARDS IDENTIFICATION
GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity (Oral)	:	Category 4
Eye irritation	:	Category 2B
Specific target organ toxicity - repeated exposure (Oral)	:	Category 2 (Kidney, Central nervous system, Liver)

GHS label elements

Hazard pictograms	:	
Signal word	:	Warning
Hazard statements	:	H302 Harmful if swallowed. H320 Causes eye irritation. H373 May cause damage to organs (Kidney, Central nervous system, Liver) through prolonged or repeated exposure if swallowed.
Precautionary statements	:	Prevention:

SAFETY DATA SHEET

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P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P264 Wash skin thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

Response:

P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P314 Get medical advice/ attention if you feel unwell.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

Storage:

Not available

Disposal:

P501 Dispose of contents/container to an approved facility in accordance with local, regional, national and international regulations.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

Chemical name	CAS-No.	Concentration (% w/w)
Ethylene glycol	107-21-1	90 - 100
Diethylene glycol	111-46-6	5 - 10

The specific chemical identity and/or exact percentage (concentration) of composition may be withheld as a trade secret.

SECTION 4. FIRST AID MEASURES

General advice : Move out of dangerous area.
Consult a physician.
Show this safety data sheet to the doctor in attendance.
Treat symptomatically.
Get medical attention if symptoms occur.

If inhaled : If inhaled, remove to fresh air.
Get medical attention if symptoms occur.

In case of skin contact : Wash with water and soap as a precaution.

In case of eye contact : Immediately flush eye(s) with plenty of water.
Remove contact lenses.
Keep eye wide open while rinsing.

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- If eye irritation persists, consult a specialist.
- If swallowed : Induce vomiting immediately and call a physician.
Keep respiratory tract clear.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
Take victim immediately to hospital.
- Most important symptoms and effects, both acute and delayed : None known.
- Protection of first-aiders : First Aid responders should pay attention to self-protection and use the recommended protective clothing
If potential for exposure exists refer to Section 8 for specific personal protective equipment.
No action shall be taken involving any personal risk or without suitable training.
- Notes to physician : Treat symptomatically.
Treatment with ethyl alcohol is indicated if toxic ingestion is suspected or if there is metabolic acidosis following ingestion of this product. Administer ethyl alcohol sufficient to maintain blood ethyl alcohol levels of above 100 mg/dL.
- 4-Methylpyrazole (Fomepizole, Antizole) is also a recognized antidote for this product.

SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Water spray
Alcohol-resistant foam
Carbon dioxide (CO₂)
Dry chemical
- Unsuitable extinguishing media : Exercise caution when using a high volume water jet as it may scatter and spread fire
- Specific hazards during firefighting : No information available.
- Hazardous combustion products : Carbon oxides
- Specific extinguishing methods : No data is available on the product itself.
- Further information : No action shall be taken involving any personal risk or without suitable training.
- Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Use personal protective equipment.
Refer to protective measures listed in sections 7 and 8.
- Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for containment and cleaning up : Neutralise with acid.
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

- Advice on protection against fire and explosion : Normal measures for preventive fire protection.
- Advice on safe handling : Do not breathe vapours/dust.
Avoid contact with skin and eyes.
For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Dispose of rinse water in accordance with local and national regulations.
- Conditions for safe storage : Keep container tightly closed in a dry and well-ventilated place.
Keep in properly labelled containers.
- Materials to avoid : Keep away from oxidizing agents.
Keep away from strong bases.

Do not store near acids.
- Further information on storage stability : Stable under normal conditions.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Ethylene glycol	107-21-1	TWA (Vapour)	25 ppm	ACGIH
		STEL	50 ppm	ACGIH

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		(Vapour)		
		STEL (Inhalable fraction, Aerosol only)	10 mg/m ³	ACGIH
		C	50 ppm 125 mg/m ³	OSHA P0
Diethylene glycol	111-46-6	TWA	10 mg/m ³	US WEEL

Personal protective equipment

Respiratory protection : In the case of vapour formation use a respirator with an approved filter.
Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.
Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Hand protection

Remarks : Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water
Tightly fitting safety goggles

Skin and body protection : Impervious clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : When using do not eat or drink.
When using do not smoke.
Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid

Colour : red

Odour : slight

Odour Threshold : No data is available on the product itself.

pH : 10.2

Melting point : 8.1 °F / -13.3 °C

Boiling point : 388.0 °F / 197.8 °C

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Flash point	: 261 °F / 127 °C Method: open cup
Evaporation rate	: No data is available on the product itself.
Flammability (solid, gas)	: No data is available on the product itself.
Flammability (liquids)	: No data is available on the product itself.
Upper explosion limit / Upper flammability limit	: No data is available on the product itself.
Lower explosion limit / Lower flammability limit	: No data is available on the product itself.
Vapour pressure	: 0.1333 hPa (68 °F / 20 °C)
Relative vapour density	: 2.1
Relative density	: 1.13
Density	: No data is available on the product itself.
Solubility(ies)	
Water solubility	: soluble
Solubility in other solvents	: No data is available on the product itself.
Partition coefficient: n-octanol/water	: No data is available on the product itself.
Auto-ignition temperature	: No data is available on the product itself.
Thermal decomposition	: No data is available on the product itself.
Self-Accelerating decomposition temperature (SADT)	: No data is available on the product itself.
Viscosity	
Viscosity, kinematic	: 18.7 mm ² /s (68 °F / 20 °C)
Explosive properties	: No data is available on the product itself.
Oxidizing properties	: No data is available on the product itself.
Particle size	: No data is available on the product itself.

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable under normal conditions.

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Possibility of hazardous reactions : No hazards to be specially mentioned.

Conditions to avoid : None known.

Incompatible materials : None known.

Hazardous decomposition products : Carbon dioxide (CO₂)
Carbon monoxide
Oxides of phosphorus
Metal oxides

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure : No data is available on the product itself.

Acute toxicity

Acute oral toxicity - Product : Acute toxicity estimate : 495.61 mg/kg
Method: Calculation method

Components:

Ethylene glycol:
Acute inhalation toxicity : LC50 (Rat, male and female): > 2.5 mg/l
Exposure time: 6 h
Test atmosphere: dust/mist
Assessment: The substance or mixture has no acute inhalation toxicity

Components:

Ethylene glycol:
Acute dermal toxicity : LD50 (Mouse, male and female): > 3,500 mg/kg
Assessment: The substance or mixture has no acute dermal toxicity

Diethylene glycol:
Acute dermal toxicity : LD50 (Rabbit): 12,500 mg/kg

Acute toxicity (other routes of administration) : No data available

Skin corrosion/irritation

Components:

Ethylene glycol:
Species: Rabbit
Exposure time: 20 h
Result: No skin irritation

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Diethylene glycol:
Species: Rabbit
Assessment: No skin irritation
Result: No skin irritation

Serious eye damage/eye irritation

Components:

Ethylene glycol:
Result: Mild eye irritation

Diethylene glycol:
Species: Rabbit
Result: No eye irritation
Exposure time: 24 h
Assessment: No eye irritation
Remarks: No eye irritation

Respiratory or skin sensitisation

Components:

Ethylene glycol:
Test Type: Maximisation Test
Exposure routes: Skin
Species: Guinea pig
Method: OECD Test Guideline 406
Result: Not a skin sensitizer.

Diethylene glycol:
Exposure routes: Skin
Species: Guinea pig
Method: Directive 67/548/EEC, Annex V, B.6.
Result: Does not cause skin sensitisation.

Assessment: No data available

Germ cell mutagenicity

Components:

Ethylene glycol:
Genotoxicity in vitro : Test Type: reverse mutation assay
Test system: Salmonella tryphimurium and E. coli
Metabolic activation: with and without metabolic activation
Method: OECD Test Guideline 471
Result: negative

Components:

Ethylene glycol:
Genotoxicity in vivo : Test Type: dominant lethal test
Species: Rat (male and female)
Cell type: Germ
Application Route: Oral
Dose: 40/200/1000 mg/kg
Result: negative

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Diethylene glycol:
Genotoxicity in vivo : Cell type: Somatic
Application Route: Intraperitoneal injection
Dose: 500 - 2000 mg/kg
Method: OECD Test Guideline 474
Result: negative

Germ cell mutagenicity-
Assessment : No data available

Carcinogenicity

Components:

Ethylene glycol:
Species: Rat, male and female
Application Route: Oral
Exposure time: 24 month(s)
Dose: 40/200/1000 mg/kg
Frequency of Treatment: 7 d/w daily
NOAEL: 1,000 mg/kg bw/day

Result: negative

Species: Mouse, male and female
Application Route: Oral
Exposure time: 103 weeks
Frequency of Treatment: 7 d/w daily
NOAEL: 1,500 mg/kg bw/day

Result: negative

Diethylene glycol:
Species: Rat, male and female
Application Route: Oral
Exposure time: 108 weeks
Dose: 1160 - 1210 mg/kg
Frequency of Treatment: 7 daily
Result: negative

Carcinogenicity -
Assessment : No data available

IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

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

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Reproductive toxicity

Components:

Ethylene glycol:

Effects on fertility

: Species: Mouse, male and female
Application Route: Oral
Dose: 40/200/1000 milligram per kilogram
Frequency of Treatment: 7 days/week
General Toxicity - Parent: No-observed-effect level: 1,000 mg/kg body weight
General Toxicity F1: No-observed-effect level: 1,000 mg/kg body weight

Species: Rat, male and female
Application Route: Oral
Dose: 40/200/1000 milligram per kilogram
Frequency of Treatment: 7 days/week
General Toxicity - Parent: No observed adverse effect level: 1,000 mg/kg body weight

Diethylene glycol:

Species: Mouse, male and female
Application Route: Oral
Dose: 3060 milligram per kilogram

Components:

Ethylene glycol:

Effects on foetal development

: Test Type: Embryo-foetal development
Species: Rat, female
Application Route: Oral
Duration of Single Treatment: 336 h
Frequency of Treatment: 7 days/week
General Toxicity Maternal: No observed adverse effect level: 250 mg/kg body weight
Developmental Toxicity: No observed adverse effect level: 250 mg/kg body weight
Result: No teratogenic effects

Diethylene glycol:

Species: Rabbit
Application Route: Oral
Dose: 1000 milligram per kilogram
Method: OECD Test Guideline 414
Result: No teratogenic effects

Reproductive toxicity - Assessment

: No data available

STOT - single exposure

Components:

Ethylene glycol:

Target Organs: Kidney, Central nervous system

Remarks: Not classified due to data which are conclusive although insufficient for classification.

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Diethylene glycol:
Target Organs: Central nervous system, Kidney
Remarks: Not classified due to data which are conclusive although insufficient for classification.

STOT - repeated exposure

Components:

Ethylene glycol:
Exposure routes: Ingestion
Target Organs: Kidney, Central nervous system, Liver
Assessment: The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 2.

Diethylene glycol:
Exposure routes: Ingestion
Target Organs: Kidney, Liver, Central nervous system
Assessment: May cause damage to organs through prolonged or repeated exposure.

Repeated dose toxicity

Components:

Ethylene glycol:
Species: Rat, male
NOEL: 150 mg/kg/d
Application Route: oral (feed)
Exposure time: 112 d
Number of exposures: 7 d/w
Dose: 50/150/500/1000 mg/kg bw
Method: OECD Test Guideline 408

Species: Rat, male and female
NOAEL: 200 mg/kg/d
Application Route: oral (gavage)
Exposure time: 33 d
Number of exposures: 7 d/w
Dose: 220/660/2000 mg/kg bw
Method: Chronic toxicity
Target Organs: Kidney

Species: Mouse, male and female
NOAEL: 12500 ppm
Application Route: oral (feed)
Exposure time: 91 d
Dose: 3200/6300/12500/25000 ppm
Method: Subchronic toxicity

Species: Rat, male
NOAEL: 150 mg/kg/d
Application Route: oral (feed)
Exposure time: 365 d
Number of exposures: 7 d/w
Dose: 50/150/300/400 mg/kg/bw
Method: OECD Test Guideline 452

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Species: Dog, male
NOAEL: ca. 2200 mg/kg
Application Route: Skin contact
Exposure time: 28 d
Number of exposures: 7 d/w
Dose: 0,5/2,0/8,0 ml/kg bw
Method: OECD Test Guideline 410

Species: Dog, male
NOAEL: ca. 2200 - 4400 mg/kg
Application Route: Skin contact
Exposure time: 28 d
Number of exposures: 7 d/w
Dose: 2,0/4,0 ml/kg bw
Method: OECD Test Guideline 410

Diethylene glycol:
Species: Rat, male and female
NOAEL: 100 mg/kg
Application Route: Ingestion
Exposure time: 225 d
Number of exposures: 7 d/w
Method: Subchronic toxicity

Species: Rat, male and female
NOEL: 150 mg/kg
Application Route: Ingestion
Exposure time: 28 d
Method: Subacute toxicity

Species: Dog, male
NOAEL: 8000 mg/kg
Application Route: Skin contact
Exposure time: 28 d
Number of exposures: 7 d
Method: Subacute toxicity

Repeated dose toxicity - Assessment : No data available

Aspiration toxicity

No data available

Experience with human exposure

General Information: No data available

Inhalation: No data available

Skin contact: No data available

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Eye contact: No data available

Ingestion: No data available

Toxicology, Metabolism, Distribution

No data available

Neurological effects

No data available

Further information

Ingestion: No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

Ethylene glycol:
Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 72,860 mg/l
Exposure time: 96 h
Test Type: static test
Test substance: Fresh water

Diethylene glycol:
Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 75,200 mg/l
Exposure time: 96 h
Test Type: flow-through test
Test substance: Fresh water
Remarks: Toxic to aquatic organisms.

Components:

Ethylene glycol:
Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): > 100 mg/l
aquatic invertebrates Exposure time: 48 h
Test Type: static test
Test substance: Fresh water
Method: OECD Test Guideline 202

Diethylene glycol:
Toxicity to daphnia and other : EC50 (Daphnia magna (Water flea)): > 10,000 mg/l
aquatic invertebrates Exposure time: 24 h
Test Type: static test
Test substance: Fresh water
Method: DIN 38412

Components:

Ethylene glycol:
Toxicity to algae/aquatic : ErC50 (Pseudokirchneriella subcapitata (algae)): 6,500 -

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Toxicity to terrestrial organisms : No data available

Ecotoxicology Assessment
Acute aquatic toxicity : No data available

Chronic aquatic toxicity : No data available

Toxicity Data on Soil : No data available

Other organisms relevant to the environment : No data available

Persistence and degradability

Components:

Ethylene glycol:
Biodegradability : Test Type: aerobic
Inoculum: activated sludge
Result: Readily biodegradable.
Biodegradation: 90 - 100 % (Dissolved organic carbon (DOC))
Exposure time: 10 d
Method: OECD Test Guideline 301A

Diethylene glycol:
Biodegradability : Inoculum: activated sludge
Result: Readily biodegradable.
Biodegradation: >= 70 %
Exposure time: 10 - 29 d

Biochemical Oxygen Demand (BOD) : No data available

Chemical Oxygen Demand (COD) : No data available

BOD/COD : No data available

ThOD : No data available

BOD/ThOD : No data available

Dissolved organic carbon (DOC) : No data available

Physico-chemical removability : No data available

Stability in water : No data available

Photodegradation : No data available

Impact on Sewage : No data available

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Treatment

Bioaccumulative potential

Components:

Diethylene glycol:
Bioaccumulation : Species: Leuciscus idus (Golden orfe)
Bioconcentration factor (BCF): 100
Exposure time: 3 d
Test substance: Fresh water
Method: OECD Test Guideline 305

Components:

Ethylene glycol:
Partition coefficient: n-
octanol/water : log Pow: -1.36

Diethylene glycol:
Partition coefficient: n-
octanol/water : log Pow: -1.98 (77 °F / 25 °C)

Mobility in soil

Mobility : No data available

Components:

Ethylene glycol:
Distribution among
environmental compartments : Adsorption/Soil
Medium: Soil
Koc: 0 - 1
Method: Calculation method

Stability in soil : No data available

Other adverse effects

Environmental fate and
pathways : No data available

Results of PBT and vPvB
assessment : No data available

Endocrine disrupting
potential : No data available

Adsorbed organic bound
halogens (AOX) : No data available

Hazardous to the ozone layer

Ozone-Depletion Potential : Regulation: 40 CFR Protection of Environment; Part 82
Protection of Stratospheric Ozone - CAA Section 602 Class I
Substances
Remarks: This product neither contains, nor was
manufactured with a Class I or Class II ODS as defined by the

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U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

Additional ecological information : No data available

Global warming potential (GWP) : No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.
Send to a licensed waste management company.
Dispose of as hazardous waste in compliance with local and national regulations.
Dispose of contents/ container to an approved waste disposal plant.

Contaminated packaging : Empty remaining contents.
Dispose of as unused product.
Do not re-use empty containers.

SECTION 14. TRANSPORT INFORMATION

International Regulations

IATA

Not regulated as dangerous goods

IMDG

Not regulated as dangerous goods

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

DOT Classification

UN/ID/NA number : NA 3082
Proper shipping name : OTHER REGULATED SUBSTANCES, LIQUID, N.O.S.
(ETHYLENE GLYCOL)
Class : 9
Packing group : III
Labels : CLASS 9
ERG Code : 171
Marine pollutant : no

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Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15. REGULATORY INFORMATION

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
Ethylene glycol	107-21-1	5000	5467

SARA 311/312 Hazards : Acute Health Hazard
Chronic Health Hazard
Acute toxicity (any route of exposure)
Serious eye damage or eye irritation
Specific target organ toxicity (single or repeated exposure)

SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

Ethylene glycol 107-21-1 >= 90 - <= 100 %

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 112 (40 CFR 61):

Ethylene glycol 107-21-1

California Prop. 65

WARNING: This product can expose you to chemicals including Ethylene glycol, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

The components of this product are reported in the following inventories:

DSL : All components of this product are on the Canadian DSL
AICS : On the inventory, or in compliance with the inventory
NIZIoC : On the inventory, or in compliance with the inventory
ENCS : Not in compliance with the inventory
KECI : On the inventory, or in compliance with the inventory
PICCS : On the inventory, or in compliance with the inventory
IECSC : On the inventory, or in compliance with the inventory
TCSI : On the inventory, or in compliance with the inventory
TSCA : All substances listed as active on the TSCA inventory

Inventories

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AICS (Australia), AIIC (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TCSI (Taiwan), TSCA (USA)

TSCA - 5(a) Significant New Use Rule List of Chemicals

No substances are subject to a Significant New Use Rule.

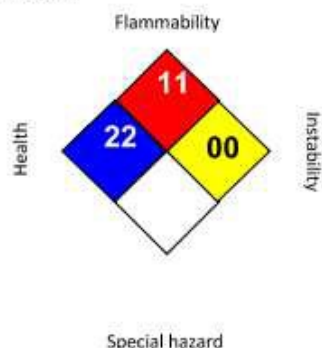
US. Toxic Substances Control Act (TSCA) Section 12(b) Export Notification (40 CFR 707, Subpt D)

No substances are subject to TSCA 12(b) export notification requirements.

SECTION 16. OTHER INFORMATION

Further information

NFPA 704:



HMIS® IV:

HEALTH	*	2
FLAMMABILITY		1
PHYSICAL HAZARD		0

HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. The "*" represents a chronic hazard, while the "/" represents the absence of a chronic hazard

Revision Date : 09/17/2020

ACGIH : USA. ACGIH Threshold Limit Values (TLV)
OSHA P0 : USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000

US WEEL : USA. Workplace Environmental Exposure Levels (WEEL)
ACGIH / TWA : 8-hour, time-weighted average
ACGIH / STEL : Short-term exposure limit
OSHA P0 / C : Ceiling limit
US WEEL / TWA : 8-hr TWA

The information and recommendations in this publication are to the best of our knowledge, information and belief accurate at the date of publication, NOTHING HEREIN IS TO BE CONSTRUED AS A WARRANTY, EXPRESS OR OTHERWISE.

IN ALL CASES, IT IS THE RESPONSIBILITY OF THE USER TO DETERMINE THE APPLICABILITY OF SUCH INFORMATION AND RECOMMENDATIONS AND THE SUITABILITY OF ANY PRODUCT FOR ITS OWN PARTICULAR PURPOSE.

THE PRODUCT MAY PRESENT HAZARDS AND SHOULD BE USED WITH CAUTION. WHILE CERTAIN HAZARDS ARE DESCRIBED IN THIS PUBLICATION, NO GUARANTEE IS MADE THAT THESE ARE THE ONLY HAZARDS THAT EXIST.

SAFETY DATA SHEET

JEFFCOOL® E100

Version	Revision Date:	SDS Number:	Date of last issue: 12/08/2019
2.0	09/17/2020	400041003933	Date of first issue: 12/08/2019

Print Date 10/08/2020

Hazards, toxicity and behaviour of the products may differ when used with other materials and are dependent upon the manufacturing circumstances or other processes. Such hazards, toxicity and behaviour should be determined by the user and made known to handlers, processors and end users.