



SAFETY DATA SHEET

PAC L FORCE / PAC R FORCE

Section: 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : PAC L FORCE/PAC R FORCE

Other means of identification : N/A

Recommended use : Rheology control agent for industrial applications.

Restrictions on use : None known

Company : Right Turn Supply LLC
204 SE Ninth Street
Pella, Iowa 50219

Emergency telephone number : (800) 424-9300 (24 Hours) CHEMTREC

Issuing date : 08/01/2018



Section: 2. HAZARDS IDENTIFICATION

GHS Classification

Flammable liquids : Not classified

Skin irritation : Not classified

Eye irritation : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

Specific target organ toxicity - single exposure : Not classified

Aspiration hazard : Not classified

GHS Label element

Hazard pictograms : None known

Signal Word : Not applicable

Hazard Statements : No particular hazards known, based on the available data the product is not dangerous.

Precautionary Statements : Not applicable

Section: 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component(s)/CAS No.	EC/REACH	EU CLP Classifications	EINECS No.	Warning phrases
Anionic polymer of sodium salt of carboxymethyl ether of cellulose 9004-32-4	Exempted	Not Classified	N/A	N/A

SAFETY DATA SHEET

PAC L FORCE / PAC R FORCE

Section: 4. FIRST AID MEASURES

In case of eye contact	:	In case of contact with eyes rinse thoroughly with water.
In case of skin contact	:	In case of contact with skin wash with warm water.
If swallowed	:	In case of ingestion consult with a doctor whether a stomach washout is necessary.
If inhaled	:	In case of inhalation move person to fresh air and seek medical assistance.
Protection of first-aiders	:	Move to fresh air. Call a physician if symptoms develop or persist.
Notes to physician	:	Treat symptomatically.
Most important symptoms and effects, both acute and delayed	:	No significant hazards expected.

Section: 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Water spray jet, alcohol resistant foam, carbon dioxide.
Unsuitable extinguishing media	:	None known
Specific hazards during firefighting	:	Smoke can contain alkaline fumes and carbon monoxide (CO)
Hazardous combustion products	:	None known
Special protective equipment for firefighters	:	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Specific extinguishing methods	:	With water the product forms very slippery surfaces. Burns slowly

Section: 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	Avoid dust formation, the material is slippery when mixed with water.
Environmental precautions	:	Collect spills of the material, avoid material entering drains.

SAFETY DATA SHEET

PAC L FORCE / PAC R FORCE

Methods and materials for containment and cleaning up : Dry Collect the material and avoid using water for this purpose. Refer to section 8 for personal protective equipment.

Section: 7. HANDLING AND STORAGE

Advice on safe handling : Avoid formation of dust and contact with water.

Conditions for safe storage : Store in dry and humidity free places.

Section: 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Exposure limit values: Not determined

Engineering measures : Use in a well-ventilated area.

Personal protective equipment

Eye protection : Wear safety glasses.

Hand protection : Wear protective gloves.

Skin protection : Wear suitable protective clothing.

Respiratory protection : Particle-filtering half mask, particle filter P2

Hygiene measures : Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Section: 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : Powder or granulates

Colour : White or yellowish

Odour : Odorless

Flash point : no data available

SAFETY DATA SHEET

PAC L FORCE / PAC R FORCE

pH	: no data available
Odour Threshold	: no data available
Melting point/freezing point	: no data available
Initial boiling point and boiling range	: no data available
Evaporation rate	: no data available
Flammability (solid, gas)	: no data available
Upper explosion limit	: no data available
Lower explosion limit	: Min. 125 g/m ³
Vapour pressure	: no data available
Relative vapour density	: no data available
Relative density	: no data available
Bulk Density	: 500-700 g/m ³
Water solubility	: >120 g/l or more
Solubility in other solvents	: no data available
Partition coefficient: n-octanol/water	: Pow <-0, 1 for all ingredients
Auto-ignition temperature	: no data available
Thermal decomposition temperature	: no data available
Viscosity, dynamic	: 10-10.000 (%2-25°C Brookfield LVT)
Viscosity, kinematic	: no data available
Molecular weight	: no data available

Section: 10. STABILITY AND REACTIVITY

Chemical stability	: Material is stable under normal conditions.
Possibility of hazardous reactions	: Not known.
Conditions to avoid	: Not known.
Incompatible materials	: Strong oxidizing agents.
Hazardous decomposition products	: Alkaline Na ₂ O

Section: 11. TOXICOLOGICAL INFORMATION

SAFETY DATA SHEET

PAC L FORCE / PAC R FORCE

Information on likely routes of exposure : Eye, skin contact, inhalation

Potential Health Effects

Eyes : May cause mild irritation to the eye.

Skin : None known.

Ingestion : None known

Inhalation : May impede respiration

Acute oral toxicity : LD 50 > 27.000mg/kg (rat)
LD 50 > 16.000mg/kg (guinea pig)

Acute inhalation toxicity : LC 50 > 5.5mg/l (rat)

Acute dermal toxicity : LD 50 > 2.000mg/kg (rabbit)

Skin corrosion/irritation : No data available

Serious eye damage/eye irritation : No data available

Respiratory or skin sensitization : No data available

Carcinogenicity : No data available to indicate product or components present at greater than 0.1% are chronic health hazards

Section: 12. ECOLOGICAL INFORMATION

Ecotoxicity and aqua toxicity: LC 50 > 21.000mg/l (trout, 96 hrs)
LC 50 > 56.000mg/l (salt water stickle back, 96 hrs)

Environmental Effects : The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability: Biodegradable, but slowly. BOD7/COD: 0, 05-0, 3

Mobility: no data available

Bioaccumulative potential: no data available

Other information: no data available

Section: 13. DISPOSAL CONSIDERATIONS

SAFETY DATA SHEET

PAC L FORCE / PAC R FORCE

Disposal methods : Follow all applicable national and local regulations.

Contaminated packaging : Follow all applicable national and local regulations.

Section: 14. TRANSPORT INFORMATION

Land transport (DOT):

Not regulated as dangerous goods.

Air transport (IATA)

Not regulated as dangerous goods

Sea transport (IMDG/IMO)

Not regulated as dangerous goods

Section: 15. REGULATORY INFORMATION

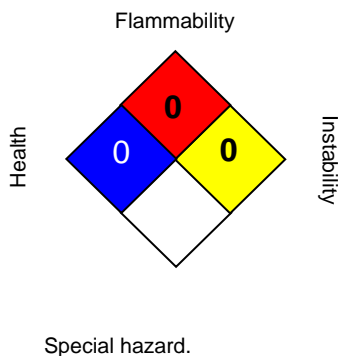
This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA list : All components listed on inventory or are exempt

Chemical safety assessment: Not required

Section: 16. OTHER INFORMATION

NFPA:



HMIS III:

HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Revision Date : 08/01/2018

SAFETY DATA SHEET

PAC L FORCE / PAC R FORCE

Version Number : 1.0

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

