Safety Data Sheet dated 26/2/2015, Provisional

Printing date:18/2/2016

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name: Seeler 17R4

MSDS code: MD0061

Chemical description: Product based ethoxylated/propoxylated copolymer.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use:

Industrial uses.

1.3. Details of the supplier of the safety data sheet

Supplier:

Seeler Industries, Inc. – One Genstar Drive - Joliet, IL 60435 U.S.A. - Tel. n° (815) 740-2640

1.4. Emergency telephone number

CHEMTREC - Phone n. 800 424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Following GHS and within the meaning of 29 CFR 1910.1200 (OSHA)

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Symbols:

None

Hazard statements:

None

Precautionary statements:

None

Special Provisions:

None

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

Substance PBT

Substance vPvB

Other Hazards:

No other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

N.A.

3.2. Mixtures

Non-hazardous components

SECTION 4: First aid measures

4.1. Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. Seek immediately medical advice.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

4.2. Most important symptoms and effects, both acute and delayed

Not known.

4.3. Indication of any immediate medical attention and special treatment needed

Treatment:

Not known.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO_2).

Extinguishing media which must not be used for safety reasons:

Not known.

5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

6.2. Environmental precautions

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Suitable material for taking up: absorbing material, organic, sand

Wash with plenty of water.

6.4. Reference to other sections

See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and feed.

Instructions as regards storage premises:

Adequate ventilation in working area.

Packaging suggested:

Plastic drums.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No occupational exposure limit available

DNEL Exposure Limit Values
N.D.
PNEC Exposure Limit Values
N.D.
8.2. Exposure controls
Eye protection:
Use close fitting safety goggles. (ref. EN 166, EN 140, EN175).
Protection for skin:
Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton. (ref. EN 340).
Protection for hands:
Chemical-resistant protective gloves (EN 374). When prolonged or frequently repeated contact may occur, a glove is recommended to prevent contact. Examples of preferred glove barrier materials include: Neoprene. Nitrile/butadiene rubber ("nitrile" or "NBR"). Polyvinyl chloride ("PVC" or "vinyl"). As general indication we suggest as suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374): nitrile rubber (NBR; >= 0.4 mm thickness) and suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): nitrile rubber (NBR; >= 0.4 mm thickness). This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances-mixtures.
Respiratory protection:
Use adequate protective respiratory equipment. (ref. EN 136, EN 140, EN 141, EN 143, EN 149, EN 405).
Thermal Hazards:
None
Environmental exposure controls:
None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance and colour:	Liquid
Odour:	Slight
Odour threshold:	N.D.
pH:	5.0 - 7.5 (50/50: Water/Product)
Melting point / freezing point:	N.D.
Initial boiling point and boiling range:	>100C (>212F)
Solid/gas flammability:	N.D.
Upper/lower flammability or explosive limits:	N.D.
Vapour density:	N.D.
Flash point:	>100C (>212F)
Evaporation rate:	N.D.
Vapour pressure:	N.D.
Relative density:	N.D.
Solubility in water:	Soluble
Solubility in oil:	N.D.
Partition coefficient (n-octanol/water):	N.D.
Auto-ignition temperature:	N.D.
Decomposition temperature:	N.D.
Viscosity:	N.D.
Explosive properties:	N.D.
Oxidizing properties:	N.D.

9.2. Other information

Miscibility:	N.D.
Fat Solubility:	N.D.
Conductivity:	N.D.
Substance Groups relevant properties	N.D.
Osha Flammability:	None

SECTION 10: Stability and reactivity

10.1. Reactivity
Stable under normal conditions
10.2. Chemical stability
Stable under normal conditions
10.3. Possibility of hazardous reactions
Stable under normal conditions
10.4. Conditions to avoid
Stable under normal conditions.
10.5. Incompatible materials
Not known.
10.6. Hazardous decomposition products
Not known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Toxicological information of the substance:
a) acute toxicity:
Toxicity Oral Rat LD50> 2000 mg/kg. Based on components.
b) skin corrosion/irritation:
Irritation Skin : Repeated and prolonged contacts may cause slight irritation.
c) serious eye damage/irritation:
Irritation Eye : Repeated and prolonged contacts may cause slight irritation.
If not differently specified, the information required in Regulation 453/2010/EC listed below must be considered as N.D.:
a) acute toxicity;
b) skin corrosion/irritation;
c) serious eye damage/irritation;
d) respiratory or skin sensitisation;
e) germ cell mutagenicity;
f) carcinogenicity;
g) reproductive toxicity;
h) STOT-single exposure;
i) STOT-repeated exposure;
j) aspiration hazard.
Carcinogenic IARC: Not Carcinogenic

SECTION 12: Ecological information

12.1. Toxicity
Ecological information of the substance:
a) Aquatic acute toxicity:
Data not available.
12.2. Persistence and degradability
Ecological information of the substance:
Biodegradability: Data not available.
12.3. Bioaccumulative potential
Ecological information of the substance:
Bioaccumulation: Data not available.
12.4. Mobility in soil
Ecological information of the substance:
Mobility in soil: Data not available.
12.5. Results of PBT and vPvB assessment
Substance PBT
Substance vPvB
12.6. Other adverse effects
None
Use according to criteria of good industrial practice, avoiding product dispersion in the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

If possible recover the product, otherwise dispose of in authorized landfill or incineration in accordance with local regulation.

SECTION 14: Transport information

14.1. UN number

N.A.

14.2. UN proper shipping name

Proper Shipping Name:	N.A.

14.3. Transport hazard class(es)

US DOT:	Not Regulated
Road (ADR):	Not Regulated
Air (ICAO/IATA):	Not Regulated
Sea (IMO/IMDG):	Not Regulated
Marine pollutant:	N.A.

14.4. Packing group

ADR-Packing Group:	N.A.
IATA-Packing group:	N.A.
IMDG-Packing group:	N.A.

14.5. Environmental hazards

N.A.

14.6. Special precautions for user

N.A.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

N.A.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Dir. 67/548/EEC (Classification, packaging and labelling of dangerous substances). Dir. 99/45/EEC (Classification, packaging and labelling of dangerous preparations). Dir. 98/24/EC (Risks related to chemical agents at work). Dir. 2000/39/EC (Occupational exposure limit values); Dir. 2006/8/CE. Regulation (CE) n. 1907/2006 (REACH).

For non-EU Countries, the Material Safety Data Sheet it is prepared following the main principles of Globally Harmonized System of Classification and Labelling of Chemicals (GHS) which are adopted worldwide.

Refer to other local regulations that may be relevant (i.e. : sanitary control, waste treatment etc.)

15.2. Chemical safety assessment

No

Regulatory information USA:

HMIS INFORMATION		HAZARD INDEX:	4 = SEVERE
HEALTH	1		3 = SERIOUS
FLAMMABILITY	1		2 = MODERATE
REACTIVITY	1		1 = SLIGHT
PERSONAL PROT.	C		0 = MINIMAL

C* Safety glasses, gloves, chemical apron

n	Name	CAS	TSCA	CERCLA	Sara302	Sara313
0	Non-hazardous components	-	Yes	No	No	No

State Regulations:

Canadian Regulations: All the ingredients as such or as chemical group are registered in DSL.

Canadian WHMIS Classification: None

California Proposition 65: The product may contain traces of Propylene Oxide , 1,4 Dioxane (< 10 ppm) and Ethylene Oxide (< 1 ppm).

SECTION 16: Other information

N.A. = Not Applicable
N.D. = No Data available
This document was prepared by a competent person who has received appropriate training.
Main bibliographic sources:

TOXNET - Databases on toxicology, hazardous chemicals, environmental health, and toxic releases;
NIOSH - Registry of toxic effects of chemical substances (1983) - Occupational Health Guidelines for Chemical Hazards (1995) - Pocket Guide to Chemical Hazards (on line)
European Chemical Bureau - ESIS: European chemical Substances Information System;
CESIO - Classification and labelling of anionic, nonionic surfactants (January 2000).
M.Sittig-Handbook of toxic and Hazardous Chemicals and Carcinogens- III Ed.
E.R. Plunkett - Handbook of Industrial Toxicology - III Ed. 1991.
Samson Chem. Pub.-Chemical Safety Sheet working safely with hazardous chemical.
SAX'S Dangerous Properties of Industrial Materials. VIII (1993)
ACGIH "2013 TLVs and BEIs".
ILV "1998/24/EC Directive and subsequent addition".

The product must be stored, handled and used according to criteria of good industrial practice and to regulations in force. This leaflet is offered for your consideration and guidance only. This leaflet complements the Technical Data Sheet but does not replace it. The information herein contained is given to the best of our knowledge at the time of issue.
Due to the several ways in which the product may be used and the possible interaction with variables not depending on or unknown to the supplier, we also cannot accept any liability whatsoever for any loss or damage however arising from the handling and use of our products.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
LTE:	Long-term exposure.
PNEC:	Predicted No Effect Concentration.
REACH:	Registration Evaluation and Authorization of Chemicals.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
SVHC:	Candidate List of Substances of Very High Concerns.
TLV:	Threshold Limiting Value.
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).

WGK:	German Water Hazard Class.
ASTM:	American Society of Testing and Materials.
CBI:	Confidential Business Information
CFR:	Code of Federal Regulations
DOT:	Department of Transportation
EPA:	Environmental Protection Agency
EU:	European Union
FIFRA:	Federal Insecticide, Fungicide and Rodenticide Act
HCS:	Hazard Communication Standard
IARC:	International Agency for Research on Cancer
IUPAC:	International Union of Pure and Applied Chemistry
mg/kg:	Milligram per kilogram
MSDS:	Material Safety Data Sheet
NAFTA:	North American Free Trade Agreement
OSHA:	Occupational Safety and Health Administration
OECD:	The Organization for Economic Cooperation and Development
QSARs:	Quantitative Structure-Activity Relationships
TSCA:	Toxic Substances Control Act
UN:	United Nations
WHMIS:	Workplace Hazardous Materials Information System