

SAFETY DATA SHEET

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

1.1 Product identifier

Different products made of polyethylene

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

Relevant identified uses: Plastic bags for waste baskets, sanitary napkins, dog poop, tires, carrier bags, chair protection etc.

Uses advised against: Don't let small children play with the plastic material – risk of suffocation

1.3 Details of the supplier of the safety data sheet

Polynova Nissen AB
Box 42016
SE-126 12 Stockholm
Phone: +46 8 449 29 60
pnab@polynova.se
www.polynova.se

1.4 Emergency telephone number

In Sweden: call +46 8 449 29 60 (office hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Regulation 1272/2008
Not classified

2.2 Label elements

Regulation 1272/2008

Hazard pictograms none

Signal word none

Hazard statements none

Precautionary statements none

2.3 Other hazards

Don't let small children play with the plastic material – risk of suffocation.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components	Classification ¹	%
CAS No: - EC No: - Reach Reg. No: -	1272/2008 -	

1) Explanation to hazard statements, see section 16

Other constituents

Consists of different qualities of polyethylene (CAS No 9002-88-4) with different densities (LLD-, LD-, HD- and MD-polyethylene).

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation

If inhaling smoke from burnt material – provide fresh air.
No risk of exposure when using the product as intended.

Skin contact

Melting material may cause burns.
No risk when exposed, if using the product as intended.

Eye contact

No risk when exposed, if using the product as intended.

Ingestion

No risk when exposed, if using the product as intended.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact

No known.

4.3 Indication of any immediate medical attention and special treatment needed

No information.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Use suitable extinguishing media dependent on what is on fire in the vicinity – powder, carbon dioxide, foam or water spray.

5.2 Special hazards arising from the substance or mixture

The product is not flammable.
Hazardous smoke (carbonoxides) is formed during fire.

5.3 Advice for firefighters

No particular advice. Take measures as with any other fire.
Use protective clothing and protective equipment during firefighting.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Not necessary when used as intended.

6.2 Environmental precautions

Collect the plastic material. It should not be disposed of in the environment.

6.3 Methods and material for containment and cleaning up

Contaminated plastic can be thrown in the household wastes.
Clean plastic should be recycled.

6.4 Reference to other sections

See section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

No particular precautions.

7.2 Conditions for safe storage, including any incompatibilities

Store below 30 °C.

7.3 Specific end use(s)

Plastic bags and sacks for different uses.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

National limit values in Sweden (AFS 2015:7)

Compound	8-hour limit value mg/m ³	Short-term limit value mg/m ³	Note
-	-	-	No limit values

EU limit values (COMMISSION Directive 2000/39/EC)

Compound	8-hour limit value mg/m ³	Short-term limit value mg/m ³	Note
-	-	-	No limit values

Derived no-effect level (DNEL)

No information

Predicted no-effect concentration (PNEC)

No information

8.2 Exposure controls

No particular advice.

Personal protection

Not necessary when used as intended.

Environmental exposure controls

See section 13.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance		bags, sacks, protective plastic etc. made of polyethylene
Odour		none
pH (20°C)		not relevant
Flash point		not flammable
Boiling point		no information
Melting point		130-145 °C
Vapour pressure (25°C)		no information
Vapour density		no information
Evaporation rate		no information
Density (20°C)		910-965 kg/m ³
Explosive limit	Lower:	no information
	Upper:	no information
Viscosity		no information

9.2 Other information

The product is not soluble in water.

SECTION 10: Stability and reactivity

10.1 Reactivity

Not liable to react under normal conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No known.

10.4 Conditions to avoid

No known.

10.5 Incompatible materials

No known.

10.6 Hazardous decomposition products

No known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Mixtures

Assessment based on constituents:

	Acute effects	Chronic effects
Inhalation	Don't let small children play with the plastic material – risk of suffocation	No known.
Skin contact	No known	No known.
Eye contact	No known.	No known.
Ingestion	No known	No known.

Allergy/sensitization

Not considered allergenic.

Corrosive effect

Not considered corrosive.

Carcinogenicity

Not expected to cause cancer.

Mutagenicity

Not expected mutagenic.

Reproductive toxicity

Not expected to be toxic for reproduction.

Synergistic effects

No known.

Likely routes of exposure – skin.

SECTION 12: Ecological information

12.1 Toxicity

The product is not classified toxic to aquatic life.

12.2 Persistence and degradability

No information.

12.3 Bioaccumulative potential

No information.

12.4 Mobility in soil

No information.

12.5 Results of PBT and vPvB assessment

The constituents are not classified PBT or vPvB.

12.6 Other adverse effects

No known.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Discarded product is not considered hazardous waste according to EU Directive 2008/98/EC.

Empty and clean packages should be recycled.

Throw contaminated packages in the household wastes.

See additional regulations in EU Directive 2008/98/EC.

SECTION 14: Transport information

14.1 UN number

Not classified hazardous goods.

14.2 UN proper shipping name

Not relevant.

14.3 Transport hazard class(es)

Not relevant.

14.4 Packing group

Not relevant.

14.5 Environmental hazards

No.

14.6 Special precautions for user

Not relevant.

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

Not relevant.

SECTION 15: Regulatory information

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

AFS 2015:7 - Hygieniska gränsvärden - Arbetsmiljöverkets föreskrifter och allmänna råd om hygieniska gränsvärden. *Occupational exposure limits in Sweden.*

COMMISSION DIRECTIVE 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain Directives.

15.2 Chemical safety assessment

No Chemical Safety Report is available for the product.

SECTION 16: Other information

Updated

Version 2.0, 2017-11-03 – All sections

Explanation of Hazard Statements

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References

Data from the manufacturer.

Kemiska Ämnen (database on chemical substances) - <http://www.prevent.se/kemiskaamnen/>

C&L Inventory - <http://echa.europa.eu/sv/information-on-chemicals/cl-inventory-database>

Other

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