



**MATERIAL
DATA
SAFETY
SHEETS**



MATERIAL SAFETY DATA SHEET

Complies with Date Created: January 2019

EC guideline 91/155/EEC and

Revision: 0

REACH (Title IV, Annex II) Last Revision: N/A

SECTION 1

PRODUCT AND COMPANY IDENTIFICATION

Product Name: Newton Gas Springs ®

Use of the product: Automotive Industry, Furniture, Medical Industry

Company Identification :

Newton Gas Springs ®
Avie Dış Ticaret San. ve Ltd. Şti
Göktürk Merkez Mah. Çeşmebaşı Cad. No55A
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SECTION 2

COMPOSITION AND INFORMATION ON INGREDIENTS

Mineral Oil

Hazard Symbols and R-phrases are not applicable for above-listed compositions.

If unless otherwise stated, the following information will refer to mineral oil

SECTION 3

HAZARDS IDENTIFICATION

Hazards Description: If gas spring is used according to instructions no hazards are presented to man and the environment

Prolonged and repeated skin contact with mineral oil can lead to skin irritation

Mineral oil used in gas springs is not completely biologically degradable.

SECTION 4

FIRST AID MEASURES

Symptoms and Effects : Intensive skin contact with mineral oil can lead to skin irritation.

Skin Contact : Remove contaminated clothes. Rinse with water and soap. Do not use solvent or thinner. Do not brush skin.

Eye Contact: Rinse with fresh water with eye open (at least 10 min). Consult doctor.

Swallowing: Consult doctor. Drink water and active carbon. Do not induce vomiting.

SECTION 5

FIRE-FIGHTING MEASURES

Suitable Extinguishing Media : Use media suitable for surrounding fire.

Unsuitable Extinguishing Media : None

Special Expose Hazards : Pressurized container, cool down by water spray if affected by fire.

Special Protective Equipment for Fire-Fighters: None

SECTION 6

ACCIDENTAL RELEASE MEASURES

Personal Precautions : Avoid skin and eye contact with mineral oil.

Environmental Precautions: Prevent entry of mineral oil into the sewage system or surface water. If mineral oil entered into the sewage system, surface water or lake water in large quantities inform corresponding authorities and observe local regulations.

Cleaning Methods : Mineral oil can be cleaned by oil-binding material and water.

SECTION 7

HANDLING AND STORAGE

Handling : Special attention should be paid to tightness of end fittings. Observe Newtonone Installation Instructions while mounting.

Storage :None

Specific Use :None

SECTION 8

EXPOSE CONTROLS PROTECTION AND PERSONAL

Exposure Limit Values	None
Expose Controls	Occupational Expose Controls: Respiratory Protection: In case of oil mist. Hand Protection: If contacting mineral oil, use oil proof gloves. Eye Protection: If risk of splashing exists, use safety glasses. Skin Protection: In case of prolonged oil contact use preventive cosmetic creams.

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

General Information

Appearance:

Physical State: liquid

Color: various

Odour

Mineral Oil

Health, Safety and Environmental Information

pH: not applicable

Boiling Point: not applicable

Flash Point: greater than 180 °C

Solubility: insoluble

Viscosity: ca. 32 mm²/s

Density: 0.860 g/cm³

SECTION 10

STABILITY AND REACTIVITY

(applies to mineral oil)

Conditions To Avoid

Stable if used as specified.

Materials To Avoid

No special materials

Hazardous Decomposition Products
chlorine, PCB and PCT.

None under normal conditions. Does not contain

SECTION 11

TOXICOLOGICAL INFORMATION

(applies to mineral oil)

LD50 : > 2000 mg/kg

Effects on man: not discovered.

SECTION 12

ECOLOGICAL INFORMATION

Mineral oil should be prevented from entering sewage system and surface waters.

SECTION 13

DISPOSAL CONSIDERATIONS

Gas Spring have to be degassed before disposal. Should be disposed according to Newtonne Instructions. Observe local regulations.

SECTION 14

TRANSPORT INFORMATION

Not dangerous for transportation via land, sea and air according to transport regulations.

SECTION 15

REGULATORY INFORMATION

No duty for identification according to EC classification and REACH guidelines (REACH, Article 7).

SECTION 16

OTHER INFORMATIONS

No R-phrases applicable.

Observe local regulations.

More information can be obtained by writing to:

info@newtonegs.com

This Safety Data Sheet is compiled based on data provided by suppliers.

Newtonne Gas Springs ® is not responsible for any changes made by other parties.