

MATERIAL SAFETY DATA SHEET

(MSDS)

Product Name: Anatolian Buckthorn, Persian berries (*Rhamnus petiolaris* Boiss)

Date: 02.07.2019

Revision Date: -

SECTION 1-PRODUCT and COMPANY IDENTIFICATION

Product Information

Trade Name

Rhamnus petiolaris Boiss

Material Utilization/Preparation

For Natural Dye

Supplier/Delivery

Natural Dyes Doğal Boya Hammaddeleri
San. ve Dış Tic. Ltd. Şti
Mevlana Mah. Yıldırım Beyazıt Cad. Mor
Menekşe Sitesi A2 D:8 Esenyurt/İstanbul

Council to inform about security

DATU Laboratory

Information in case of emergency

DATU Laboratory

SECTION 2-COMPOSITION/INFORMATION ON INGREDIENTS

522-12-3	%30-%50	QUERCETRIN
90-19-7	%15-%25	RHAMNETIN
480-19-3	%25-%40	ISORHAMNETIN
518-82-1	%20-%40	EMODIN

SECTION 3-HAZARDS IDENTIFICATION

Xn: Bad for health

N: Hazardous for environment

The *Rhamnus petiolaris* Boiss product which belongs to Natural Dyes Doğal Boya Hammaddeleri San. ve Dış Tic. Ltd. Şti. does not contain any harmful content for people and environment.

SECTION 4-FIRST AID MEASURES

In case of skin contact with the product The *Rhamnus petiolaris* Boiss which belongs to Natural Dyes Doğal Boya Hammaddeleri San. ve Dış Tic. Ltd. Şti. rinse the skin with only water and there is no need for medical attention. The product has no harm to the person.

SECTION 5-FIRE-FIGHTING MEASURES

The *Rhamnus petiolaris* Boiss product which belongs to Natural Dyes Doğal Boya Hammaddeleri San. ve Dış Tic. Ltd. Şti. is not flammable .

SECTION 6-ACCIDENTAL SPREADING MEASURES

Rinse with water is enough to clean because there is no harmful content in the *Rhamnus petiolaris* Boiss product which belongs to Natural Dyes Doğal Boya Hammaddeleri San. ve Dış Tic. Ltd. Şti.

SECTION 7-UTILIZATION and STOREAGE

Utilization

Warning for safe operation: Ensure that the workplace is well ventilated.

Storage

Requirements for warehouses and storages : No specific requirements.

Warning for storage together : Not necessary.

SECTION 8-EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protective Equipment:

General Protective and Hygienic Measures:

Keep away from food and drink.

Change contaminated and smeared clothes.

Wash hands before breaks and at the end of work.

Avoid touching your eyes and skin.

Inhalation Measures:

Work in the airy environmet.

Eye Contact measures:

Glasses are not necessary.

SECTION 9-PHYSICAL AND CHEMICAL PROPERTIES**General Information**

Form :	Solid (powder)
Colour :	Characteristic
Odour :	Characteristic

Trade Name:	<i>Rhamnus petiolaris</i> Boiss
Self-igniting property :	Not self-igniting
Explosing hazard :	Not explode
Ph: :	5,50-6,50

SECTION 10-STABILITY AND HAZARDS

Hazardous reaction is not experinced or known.

SECTION 11-TOXICOLOGICAL INFORMATION

It is harmless to health. Does not irritate the skin.

SECTION 12-ECOLOGICAL INFORMATION

There is no harmful reaction to natural environment.

SECTION 13-DISPOSAL INFORMATION

Can be disposed of together with household waste.

SECTION 14-TRANSPORTATION INFORMATION

It can be transferred with all the transportation vehicles.

SECTION 15-REGULATION INFORMATION

Labelling:

There is no harmful content.

Security Warning:

Rinse with water in case of skin contact

SECTION 16-OTHER INFORMATION

The data are based on our present state of knowledge, but do not constitute a guarantee for production characteristics and do not establish a contractual legal relationship.

