

1. PRODUCT NAME

a/ trade name	
– in Polish	Oktanol F
– in English	Octyl alcohol F
– in German	Octylalcohol F
b/ chemical name	
– in Polish	Pozostałość podestylacyjna, produkty uboczne z produkcji 2-etyloheksan-1-olu
– in English	1-Hexanol, 2-ethyl-, manuf. of, by-products from, distn. residues
– in German	1-Hexanol, 2-Ethyl-, Herstellung von, Nebenprodukte aus, Destillationsrückstände
c/ proper shipping name	not applicable (it is not a hazardous substance according to RID/ADR)
d/ chemical formula	not applicable
e/ PKWiU:	20.59.59.9
f/ CN:	3824 99 92

2. QUALITY REQUIREMENTS

2.1. General requirements

Octyl alcohol F is a liquid with various colourations: from yellow through yellow-brown to greenish; and with the specific odour.

2.2. Physical-chemical properties

Item	Specification	Value	Unit	Test method	Foreign equivalent
1	2-Ethylhexanol, max.	10	[wt %]	Internal method of Grupa Azoty ZAK S.A. (GC)	GC
2	High molecular weight compounds (> C8), min.	90	[wt %]	Internal method of Grupa Azoty ZAK S.A. (GC)	GC
3	Flash point, min.	115	[°C]	PN-EN ISO 2592:2017-10	ISO 2592
4	Phosphorus as a triphenylphosphine, max.	0.3	[% m/m]	Internal method of Grupa Azoty ZAK S.A. (ICP)	ICP

3. APPLICATION(s)

Octyl alcohol F is used in production of: floatation, anti-foaming, release agents and organic solvents.

4. STORAGE STABILITY

The product is chemically stable. When the storage and transport conditions as per sections 7 and 8 are observed, the product will maintain its quality parameters as per section 2 above over the period of 6 months from the date of loading.

5. QUALITY DOCUMENT

Unless the customer contract demands otherwise, each shipment of the product shall be provided with the quality certificate to evidence that the product quality parameters satisfy the requirements listed in the contract and/or in this Specification.

6. PACKING

6.1. General requirements

Octyl alcohol F is available in bulk shipments, in steel rail tank cars, in tank-containers or in road tankers. Other types of containers are also allowable, if they protect the product sufficiently to maintain its quality, and if they provide safety in transport, storage, handling and use. In that case, the client should:

- Submit the valid certificate which permits the use of that type of containers in storage and transport, or his own statement in writing on the subject.
- Place marking on the containers, in accordance with applicable regulations.

6.2. Labelling applicable for client's unit containers

Marking of the client's unit containers shall specify:

a/ According to Regulation (EC) № 1272/2008:

<i>Identification data:</i>	name, address and phone number of the supplier (or suppliers)
<i>Information on product amount</i>	nominal amount of the product in the packages which are made available to the public, unless that amount has been specified elsewhere on the package
<i>Product identifier:</i>	
<i>Substance name:</i>	“1-hexanol, 2-ethyl; manufacture of; by-products from; distillation residues”
<i>EC number:</i>	“EC number 271-832-1”
<i>CAS number</i>	“CAS number 68609-68-7”
<i>Hazard Pictogram:</i>	



GHS07: exclamation mark

Signal Word:

“Warning”

Hazard statements:

H315: “Causes skin irritation.”

H412: “Harmful to aquatic life with long lasting effects.”

Precautionary statements:

P273: “Avoid release to the environment.”

P280 “Wear protective gloves/protective clothing/face protection.”

P302+P352: “IF ON SKIN: Wash with plenty of soap and water.”

P362: “Take off contaminated clothing.”

P332+P313: “If skin irritation occurs: Get medical advice/attention.”

P501: “Dispose of contents/container in accordance with regulations.”

b/ According to RID/ADR:

- Octyl alcohol F is not classified as hazardous by RID/ADR.

c/ Inscription

- “Spent packages must be transferred to an authorised waste collecting company.”

d/ Additional labelling required by national/local legislation

7. STORAGE

7.1. Requirements for warehouses

- Local exhaust ventilation systems, to eliminate vapours from the places of their emission, and general ventilation systems in rooms.
- Protection against accumulation of static electricity - ignition of organic vapours may be initiated by any static discharge.
- Sprinkler systems, to cool down tanks/containers with water spray in case of fire.
- Liquid-impervious floors which make it possible to collect the spilled material and prevent its entry to the sewage system.
- Ex-proof wiring, lighting and ventilation systems.
- The storage rooms should be cool and dry.

7.2. Storage conditions

- Keep away from ignition sources - No smoking.
- Keep container tightly closed, in cool and well ventilated places.
- Handle and open containers with care.
- Containers and tanks must be properly marked.
- Containers and tanks must be made of the materials which are resistant to the product attack.

7.3. Recommendations for occupational hygiene

- Avoid any direct contact with skin, eyes and clothing.
- Wash hands before meals and directly after handling the product.

7.4. Recommendations for joint storage

- Incompatible substances: strong oxidisers

8. TRANSPORT

8.1. General requirements

Octyl alcohol F is transported in rail tankers, in road tankers, in tank-containers and/or in client's unit containers.

The rail tankers, road tankers, tank-containers and client's unit containers must be leak-proof and clean (they need to have washing/cleaning certificates) and their approval documents need to be valid.

The client's unit containers must meet the requirements as per Section 6.

Unit containers should be transported by covered means of transport.

Octyl alcohol F may not be transported together with strong oxidisers and acids.

The product is not a dangerous goods in accordance with RID/ADR.

8.2. Labelling applicable for means of transport as per RID/ADR

Not applicable. The product is not regulated by RID/ADR.

9. OTHER INFORMATION

Octyl Alcohol F is Kosher-certified.

10. REFERENCE DOCUMENTS

Product Sheet PM-007-02 "Octyl alcohol F. Material Safety Data Sheet."

PN-EN ISO 2592:2017-10 Petroleum and related products -- Determination of flash and fire points -- Cleveland open cup method

Classification Certificate No 117/IPO-BC/2011

11. IN PLACE OF

PM-007-01-2.1 "Octyl alcohol F. Specification."