

# WATER SOLUBLE FLUX WSF F 680

## 1) IDENTIFICATION OF PRODUCT AND COMPANY

Product identification	Organic flux WSF F 680
Chemical Constitution	Solution of ethylenic propylenic alchool
Company identification	CHEM Via Galileo Galilei, 11 21055 GORLA MINORE VA
Emergency phone	0331/603660

## 2) COMPONENTS INFORMATION

Substance	isopropilic alchool 90-95%
CAS number	67-63-0
Substance	ethylenic-propylenic alchool 6%
CAS number	68937 - 66 - 6

## 3) HAZARD IDENTIFICATION

The product is easy flammable.

For human being it can cause irritation in case of skin contact.

For the environment the total biodegradation is slow. The product can not be classified as "easy biodegradable".

## 4) FIRST AID

Skin contact	Remove immediately the contaminated cloth, wash the skin with warm or cold water, never use hot water, if available use also soap.
Eyes contact	Wash immediately with running water for at least 15 minutes. Call for a doctor, if necessary.
Inhalation	Bring the patient at the open air, keep him worm and if necessary make artificial respiration.
Swallowing	Do not impel vomit. Ask for medical assistance or bring the patient to a specialized centre.

## 5) FIRE EXTINGUISHING MEASURES

The product is flammable .

Extinguishing methods	alchool resistant foam CO2 dry powder nebulized water DO NOT use foam NOT alchool resistant
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## 6) MEASURES IN CASE OF ACCIDENTAL LEAKAGE

Small quantity	Allow the overturned substance to evaporate then wash the contaminated area with water.
Big quantity	Avoid the spreading of the liquid around using sand or earth. If possible put the liquid in a safe reservoir if not act as per small overturned quantity.

Avoid the liquid to enter in sewage.

Notify to local authority (police, WWF, etc.) if by accident liquid has entered in sewer.

Do not allow people not belonging to the operation to stay in the area.

Extinguish any flame, do not smoke, avoid spark formation

## 7) HANDLING AND STOCKING

Handling	protect hands and eyes, using proper clothes. Open the tank with utmost care as they can be under pressure. Do not cause spark.
Stocking	Avoid direct sunlight and other heating sources. Keep the product in a fresh area with proper ventilation at the pavement height.

## 8) INDIVIDUAL PROTECTION / EXPOSITION CHECKING

TLV of solvent solution	980 mg/mc
Breathing protection	Do not inhale vapors. In the environment where vapors with limited concentration are present, make use of mask with filter for organic vapors.
Hands protection	Make use of gloves
Eyes protection	Make use of glasses or face shield
Skin protection	Wear proper clothing

DO NOT EAT, DRINK OR SMOKE IN THE HANDLING & STOCKING AREA.

## 9) PHYSICAL AND CHEMICAL PROPERTIES

Boiling point	82°C
Density	g/dm <sup>3</sup> at 20°C 825 ±5
Steam tension	35 mmhg at 20°C
Water solubility	miscible at 20°C
PH	3-5
Flash point	14°C
Explosion limit	lower 2 higher 12
Self ignition	400°C
Appearance	liquid
Smell	Alcoholic
Vapours density (air = 1)	2,1

## 10) STABILITY AND REACTIVITY

Condition to be avoided	Avoid temperature over standard ones Avoid direct exposure to the sun and contact with strong acid and strong oxidant.
Dangerous decomposition products	Usually none. In case of combustion with lack of oxygen the formation of carbon oxide is possible.

## 11) TOXICOLOGICAL INFORMATION

Short term toxicity	it has a toxic effect toward the central nervous system. The vapour inhalation of high concentration and the skin absorption of significant quantity may cause irritation to the breathing system, in the liquid status is slightly irritating for eyes. May cause a narcotic
Skin irritation	Slightly irritating, may be absorbed by the skin causing systematic toxicity. For high concentration over 2% or in closed environment, make use of selfbreathing device.
Eyes irritation	Moderate irritating
Long terms toxicity	No extended effect exist due to exposure to product fabrication.
Carcinogenic	No relevant information found
Mutagenic	No relevant information found
Teratogenic	No relevant information found

## 12) ENVIRONMENTAL INFORMATION

The product can pollute the environment. Avoid the absorption by earth.  
In case of letting in water (lake or whatsoever) add plenty of oxigen.

## 13) DISPOSAL

Suggested : thermodestruction or distillation of solvent for re-use.  
However strictly observe the local regulation.

## 14) TRANSPORT

IMDG – Code ONU	n° 1219 3,2 Class
RID/ADR	n° 33/1219 3,5 Class
LATA-DGR Code ONU	n° 1219 3 Class

## 15) REGULATION

R11	easy flammable
S7	store in sealed tank
S16	stock far away from flame or spark. Do not smoke

## 16) OTHER INFORMATION

None