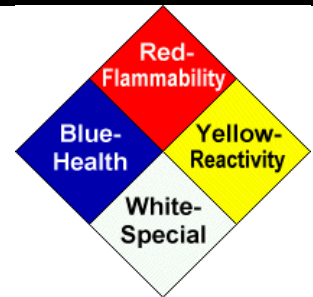


WHAT IS NFPA?

NFPA is the National Fire Protection Association established in 1896 (USA) and is responsible for designing codes and standards to minimize the risk and effect of fire.

WHAT IS NFPA LABEL?

- NFPA 704 - It is a standard system for the identification of the hazards of material for emergency response and it has been accepted worldwide.
- It has been developed as a warning label to inform users of the hazards related to the chemical, especially those with industrial uses.
- The label is a diamond divided into four coloured sections- Blue, Red, Yellow and White.
- Each section represents a specific aspect of the chemical. Numbers within each section give more information about the chemical's health, fire, reactivity, and other miscellaneous effects.



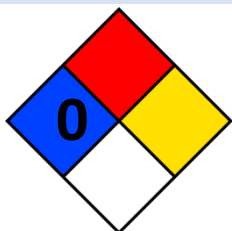
HOW IS THE RATING DISPLAYED?

- Hazard severity is indicated by a numerical rating that ranges from 0 to 4.
- Zero (0) indicates a minimal hazard, to four (4) indicates a severe hazard.
- The hazards are arranged spatially as: health at the 9 o'clock position, flammability at the 12 o'clock position, and instability at the 3 o'clock position. In addition to the spatial orientation that can be used to distinguish the hazards.

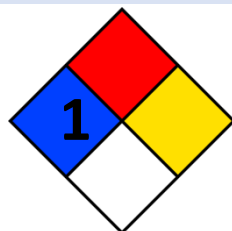
CHECKPOINTS AFTER FORKLIFT IS STOPPED

Blue Health Hazard

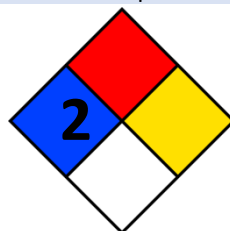
- 0** Chemical poses no short-term health threat.
- 1** The Chemical is slightly hazardous.
- 2** The Chemical is hazardous.
- 3** The chemical is an extreme danger.
- 4** Chemicals can lead to fatal even for short-term exposure.



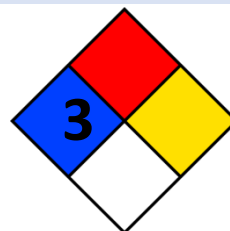
Normal
Ethyl Alcohol



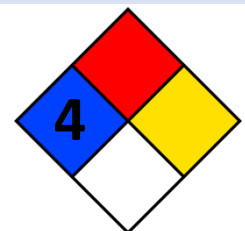
Slightly Hazard
Acetone



Hazardous
Acetic Acid



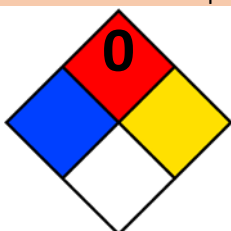
Extreme Danger
Ammonia



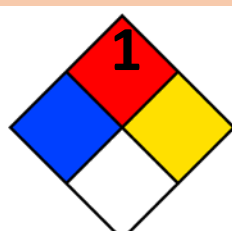
Deadly
Hydrofluoric Acid

Red Fire Hazard (based on flash point)

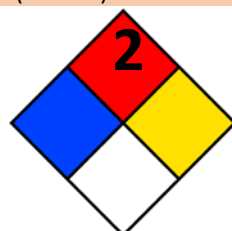
- 0** It will not burn in any circumstance.
- 1** The temperature must be above 200° F (93.3° C) for the substance to burst into flame.
- 2** The temperature must be between 100° F (37.8° C) to 200° F (93.3° C) for the substance to burst into flame.
- 3** The Temperature must be between 73° F (22.7° C) and 100° F (37.8° C) for the substance to burst into flame.
- 4** The Temperature must be below 73° F (22.7° C) for the substance to burst into flame.



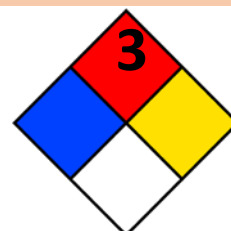
will not burn
Sodium Nitrate



above 200° F
Paraffin Oil



below 200° F
Propionic Acid



below 100° F
Acetone



below 73° F
Ethylene Oxide

Yellow Reactivity Hazard

- 0** The chemical is stable.
- 1** Chemical becomes unstable when it is heated.
- 4** It is very likely to detonate.
- 2** Chemically reactive and explodes if water contacts it.
- 3** It can detonate under heat or vibration.



Stable <i>Carbon Dioxide</i>	Unstable <i>Hydrogen Peroxide</i>	Violent <i>Acrylic Acid</i>	Detonate (heat/ vibrate) <i>Ammonium Nitrate</i>	Detonate <i>Ethyl Nitrate</i>
---------------------------------	--------------------------------------	--------------------------------	--	----------------------------------

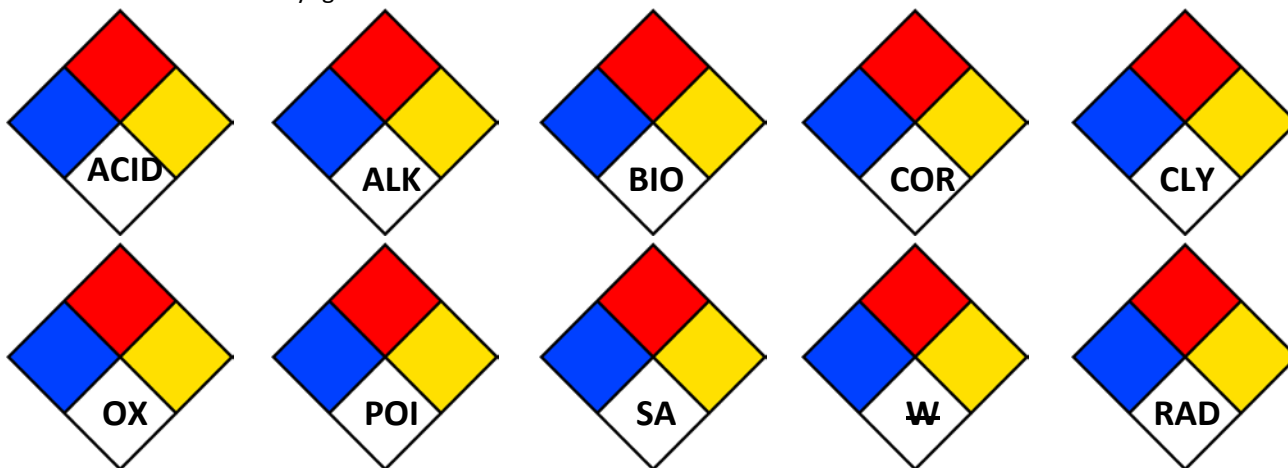
White

- ACID
- ALK
- BIO
- COR
- CLY

Specific Hazard

- Acid
- Alkali
- Biological hazard
- Corrosive
- Cryogenic

- OX** Oxidizer
- POI** Poisonous
- SA** Simple Asphyxiate
- W** Reacts with water
- RAD** Radiation



WHERE TO DISPLAY THIS CARD?

It is most widely used on export containers and has been accepted by industries in India to display on the tank. It is important to ensure that the label is enough sized visible from a distance.



Outside of the building or door

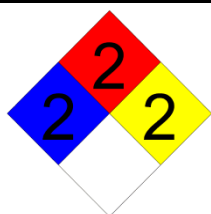


On container

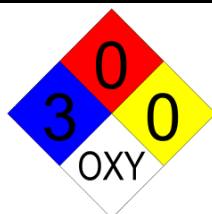


On storage tank

SAMPLES OF SOME KNOWN CHEMICALS



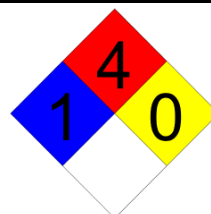
Acetic Acid



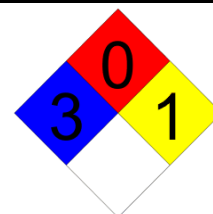
Nitric Acid



Sulfuric Acid



Methane



Sodium Hydroxide

DOWNLOAD

A list of 560+ chemicals with their hazard, fire and reactive data as per NFPA guidelines

[Download](#)

WHY WE



600+ Customer Reviews on Google
Score is 4.7/5.0
https://bit.ly/REVIEW_AMC



IMS Lead Auditor Course
9001 + 14001 + 45001 (Combo)
<https://bit.ly/LAC-IMS-EL>



Legal Compliance Software

QHSE SOFTWARE SOLUTION



Safety Permit Software
www.QHSEalert.com



Quality Control Software



Legal Library
Environment + Safety + Human Resource
https://bit.ly/Legal_Lib



Legal Updates
Android Application

Mobile Application
EHS Legal Library
https://bit.ly/LIB_app



WHAT CUSTOMER SPEAKS ABOUT US
IT IS NOT EDITABLE FEEDBACK ON GOOGLE
https://bit.ly/Review_LAC



Download EHS Publication
FREE Access
<https://bit.ly/ehs-tbt>

AKSHAR MANAGEMENT CONSULTANT

B-201, Darshnam Oxy Park,
Nr. Neelkamal Farm,
Vasna Bhayali Road,
Vadodara-390007,
Gujarat (INDIA)

+91-99099.79870
contact@aksharQHSE.in