ThermoFisher
SCIENTIFIC

SAFETY DATA SHEET

Revision Date 18-Jan-2018

Revision Number 2

1. Identification

Product Name   **3-Nitrophthalic acid**

Cat No. :   **AC160160000; AC160160025; AC160160050; AC160161000; AC160165000**

CAS-No   603-11-2
Synonyms   No information available

Recommended Use   Laboratory chemicals.
Uses advisd U

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Causes serious eye irritation
May cause respiratory irritation

Precautionary Statements
Prevention
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilen e

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5. Fire-fighting measures

Suitable Extinguishing Media   Water spray. Carbon dioxide (CO $_2$). Dry chemical. Chemical foam.

Unsuitable Extinguishing Media   No information available

    Flash Point   No information available
    Method -   No information available

Autoignition Temperature   Not applicable
Explosion Limits
    Upper   No data available
    Lower   No data available
    Sensitivity to Mechanical Impact No information available
    Sensitivity to Static Discharge No information available

Specific Hazards Arising from the Chemical
Flammable. Dust can form an explosive mixture with air. Fine dust dispersed in air may ignite.

Hazardous Combustion Products
Nitrogen oxides (NOx). Carbon monoxide (CO). Carbon dioxide (CO2).
Protective Equipment and Precautions for Firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approvom T100 0 TBT /F0 Td(c)831 j 1000 Td(N) T

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9. Physical and chemical properties

Physical State	Powder Solid
Appearance	Off-white
Odor	Odorless
Odor Threshold	No information available
pH	No information available
Melting Point/Range	213 - 216 °C / 415.4 - 420.8 °F
Boiling Point/Range	No information available
Flash Point	No information available
Evaporation Rate	Not applicable
Flammability (solid,gas)	No information available
Flammability or explosive limits	
Upper	No data available
Lower	No data available
Vapor Pressure	No information available
Vapor Density	Not applicable
Specific Gravity	No information available
Solubility	No information available
Partition coefficient; n-octanol/water	No data available
Autoignition Temperature	Not applicable
Decomposition Temperature	No information available
Viscosity	Not applicable
Molecular Formula	C8 H5 N O6
Molecular Weight	211.13

10. Stability and reactivity

Reactive Hazard	None known, based on information available
Stability	Stable under normal conditions.
Conditions to Avoid	Incompatible products.
Incompatible Materials	Strong oxidizing agents, Strong bases
Hazardous Decomposition Products	Nitrogen oxides (NOx), Carbon monoxide (CO), Carbon dioxide (CO$_2$)
Hazardous Polymerization	No information available.
Hazardous Reactions	None under normal processing.

11. Toxicological information

Acute Toxicity

Product Information   No acute toxicity information is available for this product
Component Information
Toxicologically Synergistic   No information
Products

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Carcinogenicity   The table below indicates whether each agency has listed any ingredient as a carcinogen.

Component	CAS-No	IARC	NTP	ACGIH	OSHA	Mexico
1,2-Benzenedicarboxyl ic acid, 3-nitro-	603-11-2	Not listed	Not listed	Not listed	Not listed	Not listed

Mutagenic Effects   No information available

Reproductive Effects   No information available.

Developmental Effects   No information available.

Teratogenicity   No information available.

STOT - single exposure   Respiratory system
STOT - repeated exposure   None known

Aspiration hazard   No information available

Symptoms / effects,both acute and   No information available
delayed

Endocrine Disruptor Information   No information available

Other Adverse Effects   The toxicological properties have not been fully investigated.

12. Ecological information

Ecotoxicity
Do not empty into drains.

Persistence and Degradability   Soluble in water Persistence is unlikely based on information available.

Bioaccumulation/ Accumulation   No information available.

Mobility   Will likely be mobile in the environment due to its water solubility.

13. Disposal considerations

Waste Disposal Methods   Chemical waste generators must determine whether a discarded chemical is classified as a
                                             hazardous waste. Chemical waste generators must also consult local, regional, and
                                             national hazardous waste regulations to ensure complete and accurate classification.

14. Transport information

DOT   Not regulated
TDG   Not regulated
IATA   Not regulated
IMDG/IMO   Not regulated

15. Regulatory information

United States of America Inventory

        Component

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TSCA 12(b) - Notices of Export   Not applicable

International Inventories

Canada (DSL/NDSL), Europe (EINECS/ELINCS/NLP), Philippines (PICCS), Japan (ENCS), Australia (AICS), China (IECSC), Korea (ECL).

Component	CAS-No	DSL	NDSL	EINECS	PICCS	ENCS	AICS	IECSC	KECL
1,2-Benzenedicarboxylic acid, 3-nitro-	603-11-2	X	-	210-030-8	-	X	X	X	KE-25969

U.S. Federal Regulations

SARA 313   Not applicable

SARA 311/312 Hazard Categories   See section 2 for more information

CWA (Clean Water Act)   Not applicable

Clean Air Act   Not applicable

OSHA - Occupational Safety and   Not applicable
Health Administration

CERCLA   Not applicable

California Proposition 65   This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know   Not applicable
Regulations

U.S. Department of Transportation
Reportable Quantity (RQ):   N
DOT Marine Pollutant   N
DOT Severe Marine Pollutant   N

U.S. Department of Homeland   This product does not contain any DHS chemicals.
Security

Other International Regulations

Mexico - Grade   No information available

relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of SDS