

Offer Sheet

Product	Para Toluene Sulphonic Acid E Grade
Net weight	42,900 lbs.
Quantity	10 x 42 bag pallets 10 x 36 bag pallets 780 bags total
Manufacture date	2021
Expiration date	2023
Availability	One time
Location	Pass Christian, Mississippi 39571
Date	4/22/25
COA & SDS	Attached below

Para Toluene Sulphonic Acid E Grade (PTSA E Grade) is a highly versatile, strong organic acid widely used across numerous commercial and industrial sectors due to its excellent solubility, catalytic strength, and compatibility with many chemical processes. Its applications include:

1. Catalyst in Organic Synthesis and Chemical Manufacturing
2. Polymer, Resin, and Plastics Industry
3. Dyes, Pigments, and Textile Processing
4. Cleaning, Surfactants, and Detergents
5. Electroplating and Metal Treatment
6. Adhesives, Sealants, and Coatings
7. Pharmaceuticals and Agrochemicals
8. Flavors, Fragrances, and Specialty Chemicals
9. Other Applications

Summary:

Para Toluene Sulphonic Acid E Grade is a critical industrial chemical, valued for its strong acidity, solubility, and catalytic efficiency. Its commercial uses span organic synthesis, polymer and resin production, dye and pigment manufacture, cleaning and metal treatment, pharmaceuticals, agrochemicals, adhesives, and specialty chemicals, making it indispensable in modern manufacturing and processing industries.

Brian Svrusis

Solvent Systems International
70 King St.
Elk Grove Village, IL 60007
847-323-6718 call or text
Click here for: [Surplus Inventory](#)
Solvent-Systems.com



NAVDEEP CHEMICALS PVT. LTD.

ISO 9001:2015, ISO 14001:2015, OHSAS 45001:2018 certified

Regd. Office : 5th Floor, New Excelsior Building, A. K. Nayak Marg, Fort, Mumbai - 400 001, India
Tel. : +91-22-66023200, 22074160 • Email : navdeepchem@navdeep.com
Website : http://www.navdeep.com/ • CIN : U24100MH1978PTC020113



ANALYTICAL REPORT

NAME OF THE PRODUCT: PARA TOLUENE SULPHONIC ACID E GRADE.

LOT NO :	1041/21	1042/21	1043/21	1044/21	1045/21
BAGS NO :	1-156	157-312	313-468	469-624	625-780
MFG. DT :	AUG-2021	AUG-2021	AUG-2021	AUG-2021	AUG-2021
EXP.DT. :	JULY-2023	JULY-2023	JULY-2023	JULY-2023	JULY-2023

No.	PARTICULAR	LIMIT	RESULT	RESULT	RESULT	RESULT	RESULT
1	Appearance	White Crystalline Solid	White Crystalline Solid				
2	Assay On Monohydrate Basis(%)	97.50 Min	97.91	97.75	97.71	98.22	97.71
3	Free Sulphuric Acid(%)	00.50 Max.	0.17	0.06	0.08	0.13	0.11
4	Total Moisture (%)	30.00 Max.	11.34	11.40	11.46	11.41	11.36
5	Iron Content (ppm)	99.00 Min.	7.29	9.98	8.66	8.29	8.08
6	Melting Point (°C)	11.50 Max.	102.2	101.3	101.8	101.8	101.9
8	Isomer Content (%)						
	(A) Para	92.00 Min.	94.93	96.26	96.82	96.71	98.11
	(B) Others	Balance	Balance	Balance	Balance	Balance	Balance

NAME : B.A.Patel
DESIGNATION : Officer (QC)
SIGN.
DATE : 25.10.2021

NAME : Dr. V.K.Dixit
DESIGNATION : Manager(R&D, QC)
SIGN.
DATE : 25.10.2021

NAME : A.J. Bakrania (VP, Operation/Works)
SIGN.
NAME : J.R. Patil (Asst. Manager, Material)
SIGN.

Remark : Despatched vide invoice No. E1/21-22/021

The above analytical report is the results of the composite sample derived from each container/sub-lot of the batch.
However each container/sub-lot is guaranteed to meet the specification

NAVDEEP CHEMICALS PVT. LTD. Unit - I, Plot no. C-1/409-411, GIDC, Ankleshwar. Dist. Bharuch - 393002

NAVDEEP CHEMICALS PVT. LTD.

Plot No. 409,430,GIDC,ANKLESHWAR,GUJARAT - 393 002

TITLE: MSDS OF FINISHED GOODS		FORM NO. MSDS/FG/039	
PARA TOLUENE SULPHONIC ACID E GRADE		PAGE 1 OF 6	
ISSUE NO. 1	DATE: 01.06.1996	PREPARED BY: J. R. PATEL	APPROVED BY: V. G. ASAR
REVISION NO. 2	DATE: 01.01.2006	SIGNATURE:	SIGNATURE:
		DESIGNATION: GL	DESIGNATION: WD

Material Safety Data Sheet

Section I : Chemical Identity

TRADE NAME	:	PARA TOLUENE SULPHONIC ACID E GRADE
SYNONYMS	:	METHYL BENZENE SULPHONIC ACID/ TOSIC ACID
CHEMICAL NAME	:	PARA TOLUENE SULPHONIC ACID
CHEMICAL FAMILY	:	ALKYL / ARYL SULPHONIC ACID
CHEMICAL FORMULA	:	CH ₃ (C ₆ H ₄)SO ₃ H.H ₂ O
FORMULA WEIGHT	:	190.2
U.N.NO.	:	2585
CAS NO.	:	6192-52-5
EINECS NO.	:	203-180-0

Section II: Information On Ingredients

INGREDIENT	:	PARA TOLUENE SULPHONIC ACID
CAS NO.	:	6192-52-5

Section III : Hazards Identification

CAUSES REDNESS AND PAIN TO SKIN

HARMFULL BY INHALATION, CONTACT WITH SKIN AND IF SWALLOWED

COMBUSTIBLE

SLIGHT TOXIC EFFECT ON AQUATIC ORGANISMS.

HYDROGEN MAY BE EVOLVED BY THE CORROSIVE ACTION OF THE MATERIAL ON CERTAIN METALS, EITHER IN THE MOLTEN STATE OR IN SOLUTION.

Section IV : First Aid Measures

EYES	:	IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR ATLEAST 15 MINUTES. GET MEDICAL AID IMMEDIATELY.
SKIN	:	IN CASE OF CONTACT, FLUSH SKIN WITH PLENTY OF WATER. REMOVE CONTAMINATED CLOTHING AND SHOES. GET MEDICAL AID IF IRRITATION DEVELOPS AND PERSISTS. WASH CLOTHING BEFORE REUSE.
INGESTION	:	IF SWALLOWED, DO NOT INDUCE VOMITTING UNLESS DIRECTED TO DO SO BY MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL AID
INHALATION	:	IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL AID.
NOTES TO PHYSICIAN	:	TREAT SYMPTOMATICALLY AND SUPPORTIVELY.

NAVDEEP CHEMICALS PVT. LTD.

Plot No. 409,430,GIDC,ANKLESHWAR,GUJARAT - 393 002

TITLE: MSDS OF FINISHED GOODS		FORM NO. MSDS/FG/039	
PARA TOLUENE SULPHONIC ACID E GRADE		PAGE 2 OF 6	
ISSUE NO. 1	DATE: 01.06.1996	PREPARED BY: J. R. PATEL	APPROVED BY: V. G. ASAR
REVISION NO. 2	DATE:01.01.2006	SIGNATURE:	SIGNATURE:
		DESIGNATION: GL	DESIGNATION: WD

Section V: Fire Fighting Measures

NOT CLASSIFIED AS FLAMMABLE BUT WILL BURN

EXTINGUISH MEDIA : CO2, DRY POWDER & WATER

SPECIAL FIRE FIGHTING PROCEDURES : WEAR SELF CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHINGS TO PREVENT CONTACT WITH SKIN & EYES.

UNUSUAL FIRE AND EXPLOSION HAZARD: EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

Section VI: Accident Release Measures

EVACUATE AREA

WEAR SELF CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND RUBBER GLOVES.

DO NOT TOUCH SPILLED MATERIAL.TAKE UP THE SPILLED MATERIAL IN PLASTIC CONTAINER FOR DISPOSAL

Section VII: Handling And Storage

HANDLING : AVOID CONTACT WITH SKIN, EYES AND CLOTHING
DO NOT BREATHE DUST.
PROVIDE APPROPRIATE EXHAUST VENTILATION AT MACHINERY AND AT PLACES WHERE DUST CAN BE GENERATED.
WEAR PERSONAL PROTECTIVE EQUIPMENT

STORAGE : KEEP CONTAINERS TIGHTLY CLOSED IN A DRY, COOL AND WELL VENTILATED PLACE.
STORE IN A DRY PLACE. KEEP AWAY FROM HEAT.
KEEP AWAY FROM SOURCE OF IGNITION – NO SMOKING
PREVENT PENETRATION OF WATER.

NAVDEEP CHEMICALS PVT. LTD.

Plot No. 409,430,GIDC,ANKLESHWAR,GUJARAT - 393 002

TITLE: MSDS OF FINISHED GOODS

FORM NO. MSDS/FG/039

PARA TOLUENE SULPHONIC ACID E GRADE

PAGE 3 OF 6

ISSUE NO. 1 DATE: 01.06.1996

PREPARED BY: J. R. PATEL

APPROVED BY: V. G. ASAR

REVISION NO. 2 DATE: 01.01.2006

SIGNATURE:

SIGNATURE:

DESIGNATION: GL

DESIGNATION: WD

Section VIII: Exposure Control/Personal Protection

ENGINEERING MEASURES : PROVIDE SUFFICIENT AIR EXCHANGE AND/OR EXHAUST IN WORK ROOMS
PROVIDE APPROPRIATE EXHAUST VENTILATION AT MACHINERY.

PERSONAL PROTECTIVE EQUIPMENT :
USE SUITABLE RESPIRATORY PROTECTION WHERE AEROSOLS/VAPOURS GENERATED. IF RISK OF INHALATION *WEAR* FULL-PIECE RESPIRATOR WITH ORGANIC VAPOUR CANISTER AND BUILT-IN PARTICULATE FILTER (GAS ONLY)

HAND PROTECTION : SUITABLE PROTECTIVE GLOVES, SLEEVE GLOVES.

EYE PROTECTION : CLOSE-FITTING PROTECTIVE GOGGLES OR FACE PROTECTION.

SKIN AND BODY PROTECTION : CHEMICAL RESISTANCE APRON, SAFETY SHOES.

HYGIENE MEASURES : WHEN USING, DO NOT EAT, DRINK OR SMOKE. WASH FACE AND /OR HANDS BEFORE BREAK AND END OF WORK. TAKE OFF CLOTHING AND SHOES CONTAMINATED WITH PRODUCT. CLEAN BEFORE REUSE.
DO NOT WEAR CONTAMINATED CLOTHING. USE DISPOSABLE CLOTHING IF APPROPRIATE

DO NOT BREATHE VAPOUR.
GET SAFETY SHOWER AND EYE BATH.

Section IX: Physical And Chemical Properties

APPEARANCE	: WHITE TO PALE PINK
PHYSICAL STATE	: CRYSTALLINE SOLID
MELTING POINT DEG.C	: 99 ° C
BOILING POINT DEG.C	: 140 AT 26.7 hPa
SOLUBILITY	: 700 g / litre at 20 °C
BULK DENSITY	: 0.6 kg/m ³ at 25 °C
Ph	: Acidic
VAPOUR DENSITY	: N/A
FLASH POINT DEG.C	: >184
OXIDISING PROPERTIES	: NO OXIDISING PROPERTIES
AUTO FLAMMABILITY	: > 350 °C
BIODEGRADABILITY	: BIODEGRADABLE
PARTITION COEFFICIENT(log POW)	: 0.9 AT 25 °C

Section X: Stability And Reactivity

CHEMICAL STABILITY : STABLE AT AMBIENT TEMPERATURE

INCOMPATIBILITIES : STRONG OXIDISING AGENTS, STRONG BASES, PROTECT FROM MOISTURE

DECOMPOSITION PRODUCTS : EMITS TOXIC FUMES UNDER FIRE CONDITIONS

NAVDEEP CHEMICALS PVT. LTD.

Plot No. 409,430,GIDC,ANKLESHWAR,GUJARAT - 393 002

TITLE: MSDS OF FINISHED GOODS

FORM NO. MSDS/FG/039

PARA TOLUENE SULPHONIC ACID E GRADE

PAGE 4 OF 6

ISSUE NO. 1 DATE: 01.06.1996

PREPARED BY: J. R. PATEL

APPROVED BY: V. G. ASAR

REVISION NO. 2 DATE: 01.01.2006

SIGNATURE:

SIGNATURE:

DESIGNATION: GL

DESIGNATION: WD

Section XI: Toxicological Information

HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN
PRIMARY SKIN IRRITATION IN RABBIT: VERY SLIGHT IRRITATION
MUCOUS MEMBRANE IRRITATION IN RABBIT: SLIGHT OEDEMA

ORAL RAT LD50

1308 MG/KG

Section XII : Ecological Information

Elimination information (persistence and degradability)

Biodegradability : Result : Readily biodegradable.
Biodegradable as expected.

Further information : Significant risk of oxygen depletion in aquatic systems.

Behaviour in environmental compartments

Bioaccumulation : No significant bioaccumulation.

Mobility : The product may be carried away in surface bodies of water or
Groundwater due its ready solubility in water.
If product enters soil, it will be mobile and may contaminate
groundwater.

.Section XIII : Disposal Consideration

DISSOLVE OR MIX THE MATERIAL WITH A COMBUSTIBLE SOLVENT AND BURN IN A CHEMICAL INCINERATOR
EQUIPPED WITH AN AFTERBURNER AND SCRUBBER.
REFER YOUR LOCAL RULES AND REGULATIONS FOR DISPOSAL.

NAVDEEP CHEMICALS PVT. LTD.

Plot No. 409,430,GIDC,ANKLESHWAR,GUJARAT - 393 002

TITLE: MSDS OF FINISHED GOODS

FORM NO. MSDS/FG/039

PARA TOLUENE SULPHONIC ACID E GRADE

PAGE 5 OF 6

ISSUE NO. 1 DATE: 01.06.1996

PREPARED BY: J. R. PATEL

APPROVED BY: V. G. ASAR

REVISION NO. 2 DATE: 01.01.2006

SIGNATURE:

SIGNATURE:

DESIGNATION: GL

DESIGNATION: WD

Section XIV : Transport Information

Land transport ADR/RID/GGVSE (Germany)

IMDG CODE : **8106**
Class : 8
ADR/RID-Labels : 8
UN-No : 2585
Packaging group : III
Description of the goods(Technical Name) :
ARYSULPHONIC ACIDS, SOLID
(Toluene Sulphonic acid)

Sea Transport IMDG-Code /GGVSee

IMDG CODE : **8106**
Class : 8
UN-No : 2585
Packaging group : III
Proper Technical name (Proper shipping name)
ARYSULPHONIC ACIDS, SOLID
(Toluene Sulphonic acid)

Air Transport ICAO-TI/IATA-DGR

IMDG CODE : **8106**
Class : 8
UN-No : 2585
Packaging group : III
Proper Technical name (Proper shipping name)
ARYSULPHONIC ACIDS, SOLID
(Toluene Sulphonic acid)

Inland waterway transport ADN/ADNR/GGV BinSch (Germany)

IMDG CODE : **8106**
Class : 8
ADR/RID-Labels : 8
UN-No/Substance number : 2585
Packaging group : III
Proper Technical name (Proper shipping name)
ARYSULPHONIC ACIDS, SOLID
(Toluene Sulphonic acid)
UN HAZARD CLASSIFICATION : 8 CORROSIVE

NAVDEEP CHEMICALS PVT. LTD.

Plot No. 409,430,GIDC,ANKLESHWAR,GUJARAT - 393 002

TITLE: MSDS OF FINISHED GOODS		FORM NO. MSDS/FG/039	
PARA TOLUENE SULPHONIC ACID E GRADE		PAGE 6 OF 6	
ISSUE NO. 1	DATE: 01.06.1996	PREPARED BY: J. R. PATEL	APPROVED BY: V. G. ASAR
REVISION NO. 2	DATE: 01.001.2006	SIGNATURE:	SIGNATURE:
		DESIGNATION: GL	DESIGNATION: WD

Section XV : Regulatory Information

CORROSIVE

R36/37/38 : IRRITATING TO EYES, RESPIRATORY SYSTEM & SKIN

S 26 : IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER, &
: SEEK MEDICAL ADVICE

S 36/37/39 : WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION

REFER YOUR LOCAL REGULATORY RULES AND REGULATIONS.

Section XVI : Other Information

NAME OF FIRM : NAVDEEP CHEMICALS PVT.LTD

CONTACT PERSON IN EMERGENCY : MR.DEEPAK V.BHIMANI

MAILING ADDRESS : 5TH FLOOR, NEW EXCELSIOR BLDG., A.K.NAYAK MARG, FORT,
MUMBAI -400 001, INDIA

LOCAL BODIES INVOLVED : N.A.

TELEPHONE NO : 91-22-22074160

FAX NO : 91-22-22074199

E-MAIL : navdeepchem@eth.net

DISCLAIMER:

INFORMATION CONTAINED IN THIS MATERIAL DATA SHEET IS BELIEVED TO BE RELIABLE BUT NO REPRESENTATION, GUARANTEE OR WARRANTIES OR ANY KIND ARE MADE AS TO ITS ACCURACY, SUITABILITY FOR A PARTICULAR APPLICATION OR RESULTS TO BE OBTAINED – FROM THEM. IT IS UP TO THE MANUFACTURER/SELLER TO ENSURE THAT THE INFORMATION CONTAINED IN THE MATERIAL SAFETY DATA SHEET IS RELEVANT TO THE PRODUCT MANUFACTURED/HANDLED OR SOLD BY HIM AS THE CASE MAY BE.

NAVDEEP CHEMICALS PVT LTD MAKES NO WARRANTIES EXPRESSED OR IMPLIED IN RESPECT OF THIS ADEQUACY OF THIS DOCUMENT FOR ANY PARTICULAR PURPOSE.