



IODINE

DERIVATIVES



SALVI CHEMICAL
INDUSTRIES LTD.

solid foundations, fresh innovations

TYPES OF REACTION WE HANDLE FROM -55°C TO +220°C

IODINATION

METHYLATION

CHLORINATION

NITRATION

SULPHONATION

OXIDATION

REDUCTION

HYDROLYSIS

HALOGENATION

HYDROGENATION

DIAZOTIZATION

ALKYLATION

AMIDATION

SCRUB SYNTHESIS

QUALITY CONTROL EQUIPMENTS

INSTRUMENT SEC - 1 INSTRUMENTS:

- Auto Potentiometer Titrator
- FTIR Spectrometer
- UV Cabinet
- UV – VIS Spectrophotometer
- Digital Balance




INSTRUMENT SEC - 2 INSTRUMENTS:

- Atomic Absorption Spectrophotometer
- Gas Chromatogram(Manual)
- Auto Sampler Gas Chromatogram With Head Space
- Auto Sampler High Performance Liquid Chromatography (HPLC)

SPECIFICATION: METHYL IODIDE

	STD SPEC MIN.	UNIT	TEST RESULTS (TYPICALLY MAX)
Colour		APHA	100
Clarity		NU	1
Boiling point	41.00	C	43.00
Relative Density D20/20	2.270		2.290
Refractive Index N20/D	1.529		1.531
Water		%m/m	0.03
Methanol (GLC)		Area%	0.25
Methylformal (GLC)		Area%	0.25
Ethyl Iodide		Area%	0.25
Sulfer Dioxide		%m/m	0.001
Acid (as HI)		%m/m	0.005
Demithylsulfate (GLC)		Area%	0.10
Other individual impurities		Area%	0.25
Assay (GLC) (Water Excluded)	99.50	Area%	
Demithylether (GLC)		Area%	0.25
Methylchloride		Area%	0.25
Non-volatile substances		%m/m	0.01
Acidity			6.0-6.5

PACKAGING DETAILS

	PACKAGING	CAPACITY LITER	VOYAGE
	Aluminium Bottle (Non Returnable)	5, 10	Domestic
	UN Approved S.S. Drums (Non Returnable)	30, 50, 100	Exports
	UN Approved Micromatic Dums (Returnable)	30, 50, 100	Exports

***ALL CONSIGNMENT ARE PALATILE WITH UN APPROVED PACKAGING, BY SEA OR AIR**

API

PRODUCT NAME	CAS NO.	APPLICATION
Potassium Iodide BP/EP/USP/ Stabilised	7681-11-0	Intermediate of API & Food Nutrition, Feed Supplement
Sodium Iodide BP/USP	7681-82-5	Thyroid disorders, treat iodine deficiency
Iodoform USP	75-47-8	Intermediate use sanitizer
Clioquinol USP (Iodochloro hydroxy quinoline)	130-26-7	Used in anti fungal cream
Diiodo-8-hydroxyquinoline BP/USP	83-73-8	Used in Dermatological Disorders
Povidone Iodine USP	25655-41-8	Antiseptic Agent
Thymol Iodide USP	552-22-7	Dusting powders and ointments For Baby Diapers

FEED

PRODUCT NAME	CAS NO.	APPLICATION
Potassium Iodide BP/EP/USP/ Stabilised	7681-11-0	Intermediate of API, Feed Nutrition
3,5-Diiodosalicylic Acid	133-91-5	intermediate of closantel base and sodium
Ethylenediamine dihydroiodide	5700-49-2	Feed Nutrition
Calcium Iodate Monohydrous / Anhydrous	40563-56-2	Feed Nutrition
Mercury Iodide	7774-29-0	used in blister ointments in Veterinary Medicine & Soap Industries

SPECIALITY AND CUSTOM SYNTHESIS

PRODUCT NAME	CAS NO.	APPLICATION
Methyl Iodide (Iodomethane)	74-88-4	Intermediate for Simvastatin clarithromycin
Ethyl Iodide (Iodoethane)	75-03-6	used as the hydrogen radical promoter
Butyl Iodide	542-69-8	Used as an alkylating agent
Propyl Iodide	107-08-4	Preparation of various medical products including antiseptics, disinfectants.
Trimethylsulfoxonium Iodide	1774-47-6	Intermediate for Nebivolol, Flucanazole
N-Iodosuccinimide	516-12-1	Used as source for iodine in radical reactions
Iodoform	75-47-8	Intermediate use sanitizer for food
Diiodomethane	75-11-6	Used in the simmons cyclopropanation of alkenes
3 Iodo 2 Propynyl N-Butyl Carbamate (IPBC)	55406-53-6	Used as Protective coatings for wood products
Hydroiodic Acid 47% /57%	10034-85-2	Intermediate of API 6- Catalyst for acetic acid plant
5-Iodo-2-Methylbenzoic Acid	54811-38-0	Intermediate of Canagliflozin
Ortho/ 2-Iodobenzoic Acid	88-67-5	Intermediate of Etofenamate chlorprothixene
3,5-Diiodosalicylic Acid	133-91-5	Intermediate of Closantel Base and Sodium
2-Chloro-5-Iodobenzoic acid	19094-56-5	Catalytic agent for Brain Stimulates
Periodic Acid 50% & 98% / Iodic Acid	10450-60-9	Used in removal of stencils to facilitate re-use of printing screens & Oxidation
Sodium Metaperiodate	7790-28-5	Used as anti oxidizing agent & Fure Retardant
Iodine Monochloride (5 molar)	7790-99-0	Used for reagent in organic synthesis
Iodobenzene	591-50-4	Custom Synthesis

BIOCIDE

PRODUCT NAME	CAS NO.	APPLICATION
3 Iodo 2 Propynyl N-Butyl Carbamate (IPBC)	55406-53-6	Used as Protective coatings for wood products
3 Iodo 2 Propynyl N-Butyl Carbamate (IPBC) 18% 30% 40%	55406-53-6	Used as Protective coatings for wood products

NYLON & TYRE INDUSTRY

PRODUCT NAME	CAS NO.	APPLICATION
Cuprous Iodide	7681-65-4	Used in Nylon tyres

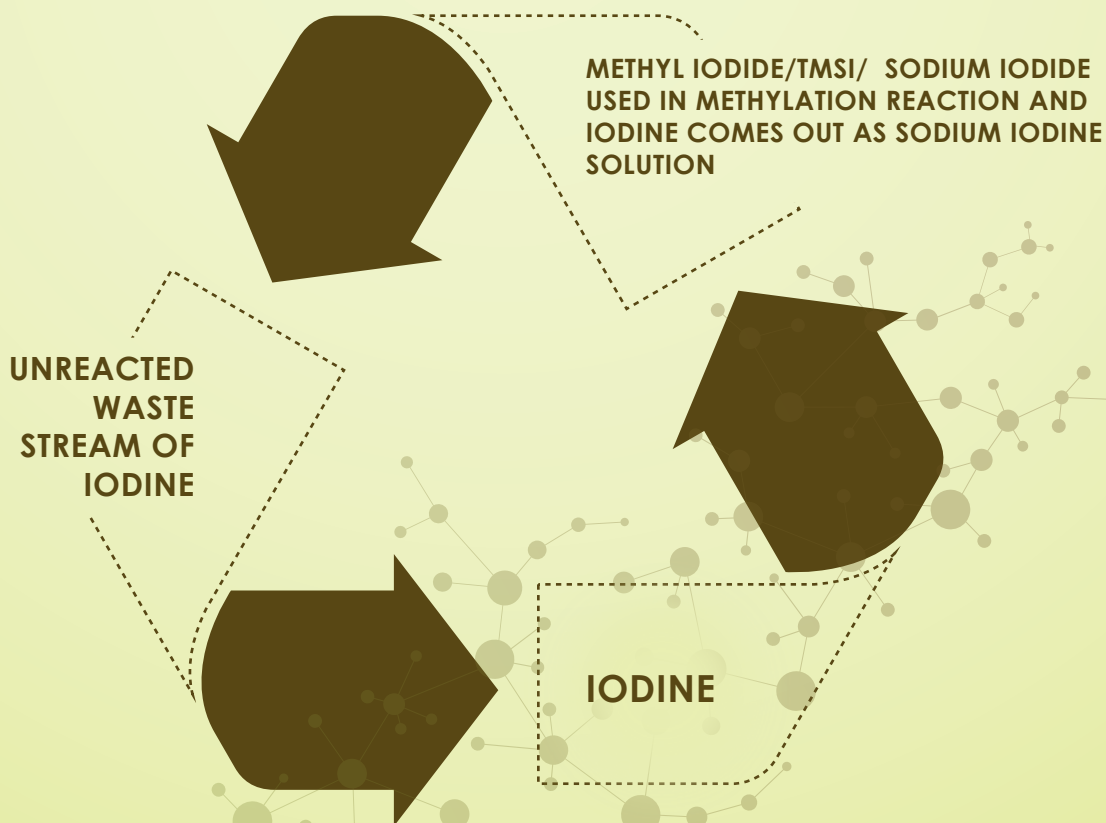
PRODUCT NAME	CAS NO.	APPLICATION
2-(4-Fluorophenyl)-5-[(5-iodo-2-methylphenyl)methyl]thiophene	898566-17-1	Canagliflozin
2-(5-Bromo-2-Methylbenzyl)-5-(4-fluorophenyl)thiophene	1030825-20-7	
4-(5-Bromo-2-chlorobenzyl)phenyl ethyl ether	461432-23-5	Dapagliflozin
Methyl 1-C-[4-chloro-3-[(4-ethoxyphenyl)methyl]phenyl]-alpha-D-glucopyranoside	714269-57-5	
(3S)-3-[4-[(2-Chloro-5-iodophenyl)methyl]phenoxy]tetrahydro-furan	915095-94-2	Empagliflozin
(3S)-3-[4-[(5-Bromo-2-chlorophenyl)methyl]phenoxy]tetrahydrofuran	915095-89-5	
tert-Butyl[(15,2R)-1-benzyl-2-hydroxy-3-[isobutyl(4-nitrophenyl)sulfonylamino]propyl]carbamate	191226-98-9	Darunavir
tert-Butyl(2S,3R)-4-(4-amino-N-isobutylphenyl)sulfonamido-3-hydroxy-1phenylbutan-2-yl]carbamate	183004-94-6	
4-[2-(2-Amino-4,7-dihydro-4H-pyrimidin-5-yl)ethyl]benzoic acid	137281-39-1	Pemetrexed
2-Iodobenzoic Acid methyl ester	610-97-9	Montelukast



Iodine

IODINE RECOVERY (RECYCLE STAGE)

- Recovery of Iodine from acute waste stream of API, Where Iodine does not take part in reaction
- Waste streams from phase transfer catalyst where Iodine comes out after itching & washing
- Streams with lower concentration of 0.5 to 50% is recovered to purified elemental Iodine successfully
- Streams with higher concentration above 50% to 85% is recovered to purified elemental Iodine successfully
- Streams/Powder in Organic & Aqueous phase is recovered by extraction & densification chemistry



SPECIALITY CHEMICALS

PRODUCT NAME	CAS NO.	APPLICATION
1-H-1,2,4-Triazole	288-88-0	Intermediate of Fluconazole, Hexaconazole, Propiconazole
1,2,4-Triazol-1-yl)ethanone	58905-16-1	Intermediate in the synthesis of Propiconazole (P770100) related compounds.
1,2,4-Triazole methane sulfonate	86386-77-8	Synthesis of agrochemicals and active pharmaceutical ingredients- antifungal, antiviral, herbicidal, antimigraine, anti-inflammatory, and antitubercular agents.
1,2,4-Triazolo(4,3-a)pyridin-3(2H)-One	6969-71-7	Used to prepare a congener of Trazodone which was found to synaptosomal uptake
2,4-Thiazolidinedione	2295-31-0	Intermediate of Pioglitazone HCL
2,5 Dimercapto-1,3,4 thiadizole (DMCT)	1072-71-5	Lubricant additive, Intermediate for Pharmaceutical & Dyes as a Chelating agent
2-Sulfobenzoic Anhydride	81-08-3	diagnostic assay for hematology
3-(2-Chloroacetyl)pyridine HCL	4377-33-7	Intermediate of Pioglitazone HCL
4-amino-1,2,4-triazole	584-13-4	Intermediate of Fluconazole
4-Amino-2-chloro-Alpha-(4-chlorophenyl)-5-methyl benzeneacetonitrile (Closantal Amine)	61437-85-2	Intermediate of Closantel Sodium
5-Chloro-8-Hydroxyquinoline	130-16-5	Used as Safener for Clodinafop
5-Ethyl-Pyridine-2-ethanol	5223-06-3	Intermediate of Pioglitazone HCL
6-Nitro-7-Chloro-4-Hydroxy quinoline	53449-14-2	Intermediate if Anti cancer (Afatinib)
8-Hydroxyquinoline	148-24-3	Used in Veterinary APIs
Phenylboronic Acid	98-80-6	Intermediate of simvastatin & used in suzuki reaction
Alpha Picolinic Acid	98-98-6	Intermediate of Chromium & Zinc Picolinate
Anthranilamide	88-68-6	Intermediate for dyes, pharma, agricultural chemicals, perfumes, pigments, flavors and organo luminophores
Maleic Acid BP	110-16-7	Intermediate of Chlorpheniramine Maleate
Fumaric acid 99.5% /98% /FCC/CWS/Micronized	110-17-8	Intermediate of Tenofovir Fumarate
Isatoic Anhydride	4480-83-5	Intermediates of Speciality chemicals & Agro chemicals
Methyl Anthranilate	134-20-3	Intermediate of Ambroxol & Perfumary
Phthalimide	85-41-6	Used in Rubber Industry, Pigments & Rivaroxaban
Phthalic acid	88-99-3	Used in Oil and Gas Industries
Methyl 3 Oxopentanote *	30414-53-0	Flavoring Agent
6-Chloro-pyrimidine-2,4-diamine *	156-83-2	Preparation of Piperazinyl Oxazolidinone derivatives
2-Ethyl-6-methyl-3-hydroxypyridine *	2364-75-2	An Antidepressant Agent

VETERINARY API

Closantel Base BP/ Micronized

Closantel Sodium BP/USP

Halquinol BP 80

Rafoxanide BP/ Micronized

HUMAN API

Di-Iodo Hydroxyquinoline BP

Iodochlorohydroxyquinoline USP
(Clioquinol)

Povidone Iodine USP

Minoxidil

Selenium Sulfide USP

Chlorozoxazone USP

Ferrous Fumarate BP, USP, JP, EP

REACTORS

Polypropylene Reactor
Glass Line Reactor

Stainless Steel Reactor
Pressure Reactor

DRYERS

Fluid Bed Dryer
Rotocone Vaccum Dryer

Rotocone Vaccum Paddle Dryer
Tray Dryer

FILTERS

Agitated Nutsche Filter Dryer
Sparkler Filter

Agitated Nutsche Filter
Stainless Steel Centrifuge

BLENDERS

Octagonal Blender

Ribbon Blender

UTILITIE

Boiler – 3MT Chilling Plant -5°C/25TR Vaccum Pump
Chilling Plant +5°C/10TR Cooling Tower



ENVIRONMENTAL PRACTICES & AIR POLLUTION CONTROL

- SCIL facility is fully equipped with appropriate vessels pertaining handling of chemicals. Each vessels is equipped with pressure gauges, vents, scrubbers attached to it.
- Each areas are covered with air monitoring units.
- Boilers are attached with standardized chimneys, dust collectors to control environmental temperature.
- Introduction of sustainability, The future of Chemical industries.
- Research & Development on existing polluting products making sustainable by achieving PCB norm of COD, BOD, & Tushery level.
- Investments made on Primary & Secondary effluent treatment facility for 200000ltrs/day in comparison to PCB permission of 55000ltr/day.
- Concept of ZLD (Zero liquid discharge) made possible for existing and new polluting products by processing through Multiple Effect Evaporator.
- Continues research on all products for supporting Eco-toxicology with Green- chemistry to maintain current industry & industrial area.

AIR POLLUTION CONTROL EUIPMENTS

ETP
55 M3

MEE
90 M3

ATFD
25M2/
12 M2

RO PLANT
100 M3

SCRUBBER
4 NO

ENVIRONMENTAL PRACTICES & WATER POLLUTION CONTROL

- Introduction of sustainability, The future of Chemical industries.
- Research & Development on existing polluting products making sustainable by achieving PCB norm of COD, BOD, & Tushery level.
- Investments made on Primary & Secondary effluent treatment facility for 200000ltrs/day in comparison to PCB permission of 55000ltr/day.
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SCIL INVITES YOU FOR A SUCCESSFUL JOINT VENTURE



We have the land space of approx. 85,000 Sq.Mtrs. At the beginning, we have planned to develop 20% land space, accordingly, we are commencing our first phase unit and we will start the manufacturing activity by April-2022. We are projecting manufacturing and revenue rise in the first operational F.Y.2022-23. Further, every following year, we can increase the capacity from 5% to 10% of our Sales turnover capacity.

Key features of Dahej Unit site is, it is surrounded by a number of caustic chlorine producing companies which makes it easy for us to acquire caustic lye and chlorine through pipe line. Also there are oil and gas companies around the unit site which also makes it easy to acquire hydrogen gas. Having said that, all the basic resources are available in a close by surrounding making production work easy and quick and also cost effective. We are also affiliated with common CETP with capacity of 40 MLD by GIDC Dahej (Work under progress).

WE ARE LOOKING FOR A PARTNERSHIP IN THE FOLLOWING AREAS

JOINT VENTURE

JOINT INVESTMENT

PRODUCT TIE-UP

TECH TRANSFER

CUSTOM MANUFACTURING

LOAN LICENSE

JOB-WORK

Salvi Chemical Industries Ltd. Is a responsible corporate citizen and has taken several steps to integrate its quality and business objectives. The quality system adopted by SCIL is certified by reputed international authorities like

OUR PRODUCTS APPROVED BY





Factory Address

- Unit 1: E-93 & 94, MIDC, Boisar, MH, India
- Unit 2: E-95, MIDC, Boisar, MH, India
- Unit 3: E-90, MIDC, Boisar, MH, India
- Unit 4: E-131, MIDC, Boisar, MH, India
- Unit 5: 43/44, SEZ, Surat, GJ, India
- Unit 6: 3601, GIDC, Surat GJ, India
- Unit 7: 1665 / 1666, GIDC, Sarigam, GJ, India
- Unit 8: 1610/10, GIDC, Sarigam, GJ, India
- Unit 9: D-2, 169, GIDC, Dahej, GJ, India

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