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KSHARODAKA: A LITERATURE REVIEW OF AN UNDERRATED PHARMACEUTICAL PREPARATION

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ABSTRACT

Ksharodaka is an intermediate product in the processing of *Kshara.* In this review etymology, definition, synonyms, and two methods of preparation: 1) *Bhasma Shruta Jala* and 2) Prepared *Kshara*. A total of 95 different types of *Ksharodaka* were compiled from 12 Ayurvedic classics. It is used therapeutically for different procedures like *Parisheka, Gandusha, Prakshalana, Svedana, Snana, Parisechana, Netradhara, Pana, Anupana* and *Sahapana*. In the pharmaceutical field, it is utilized in the preparation of various dosage forms through different processes like *Nimajjana*, *Nirvapana, Bhavana,* Binding media, *Paka, Ghritapaka, Tailapaka, Kshirapaka, Gudapaka* and *Yavagupaka*. It is used both in single-drug preparation (e.g., *Yava Ksharodaka, Pippali Rasayana*) and as a multi-drug formulation (e.g., *Mankandadi Ksharodaka*).

Keyword: *Ksharodaka*, Intermediate product, *Bhasma Shruta Jala*, *Kshara*, Therapeutical procedures, Pharmaceutical field

INTRODUCTION

Ksharodaka is a concept in Ayurveda that refers to a therapeutic preparation or treatment involving alkaline substances, often in the form of ash (known as *Kshara*) or an alkali solution. The term *Ksharodaka* is derived from the Sanskrit words "*Kshara*" (alkaline or caustic substance) and "*Udaka*" (water or liquid), indicating an alkali solution made from plant and animal materials.

Ksharodaka is used therapeutically for different procedures like *Parisheka, Gandusha, Prakshalana, Svedana, Snana, Parisechana, Netradhara, Pana, Anupana* and *Sahapana*. In the pharmaceutical field, it is utilized in the preparation of various dosage forms through different processes like *Nimajjana*, *Nirvapana, Bhavana,* Binding media, *Paka, Ghritapaka, Tailapaka, Kshirapaka, Gudapaka* and *Yavagupaka*. It is used both in single-drug preparation (e.g., *Yava Ksharodaka, Pippali Rasayana*) and as a multi-drug formulation (e.g., *Mankandadi Ksharodaka*).

MATERIALS AND METHODS

In this pharmaceutical review total 15 classical text of Ayurveda were analysed and from 12 classical texts the detailed description of the uses of *Ksharodaka* are found i.e. used as *Vamana Dravya*[i], *Kutajadi*[ii iii iv v], *Kalaka*[vi] and *Mushkaka*[vii] *Ksharodaka* made up as an intermediate product to prepare *Kshara*, it is used for *Kshara Balakarnartha*[viii ix x] , used as an *Upama* for *Vataja Vrana Strava*[xi], *Raktakshaya Vrana Strava*[xii], *Pittaja Chhardi*[xiii xiv xv] and *Ksharameha*[xvi xvii], *Yavadi Ksharodaka* used for *Shastra Payana.*[xviii]

Etymology

Ksharambu- Kshara Galanodakam (Hemadri, A.H. Su. 22/9)

- It means the filtered supernatant water of *Bhasma.*

Ksharambu- Ksharavidhi Shruta Jalam (Arundatta, A.H. Su. 30/23)

- It means the supernatant liquid of *Bhasma* to prepare *Kshara*.

Definition

Ksharodakam Iti Kshara Galayitva Yat Udakam Gruhyate Tat Ksharodakam.

(Dalhana, Su. Su. Chi. 1/18)

- The supernatant water above the *Bhasma,* which is filtered to prepare *Kshara,* is called *Ksharodaka*.

Synonyms

Ksharajala[xix], *Ksharodaka*[xx], *Ksharambhu*[xxi], *Ksharavari*[xxii], *Bhasmodaka*[xxiii], *Bhasmajala*[xxiv], *Bhasmavari*[xxv], *Ksharatoya*[xxvi], *Ksharambhasa*[xxvii]

Method of preparation

Two methods are found in the classics to prepare *Ksharodaka*. In the first method, it is prepared from or used as a *Bhasma Shruta Jala* and in the second method, it is prepared directly from the *Kshara.*

1. *Bhashma Shruta Jala*

- In different therapeutic and pharmaceutical processes, direct use of *Ksharaodaka* was mentioned, but the proper method of *Ksharodaka* preparation from the *Bhashma* has not been mentioned in reviewed classical texts.

- The table shows that various *Acharya* mentioned different liquid media, ratio of ash and liquid media, sedimentation time, water, folds of cloth, and number of filtrations, to prepare *Ksharodaka* as an intermediate product of *Kshara*.

Table No. 1 Difference method of *Ksharodaka* preparation from various texts

Liquid media	Ash: liquid ratio	Sedimentation time	Folds of cloth	Numbers of filtration	Reference
Water, *Gomutra*	1:6	-	-	21	Su. Su. 11/9
Water, *Gomutra*	4 times water and *Gomutra* each	-	-	1	A.S. Su. 39/9
Water, *Gomutra*	4 times water and *Gomutra* each	-	-	1	A.H. Su. 30/21
Water	1:4 or 1:6	-	-	1	C.D. 5/143
Water	1:2, 1:4, 1:21	-	-	-	V.S.21/382
Water	1:4	1 night	-	-	Sha. M. 11/101
Water	1:4	1 night	-	-	A.P.6/60
Water	1:4 or 1:6	Over night	-	-	B.R.10/262
Water	1:4	3 hours	3 folds	-	R.T.14/59-61
Water	1: 8	2-3 days	4 folds	7	Ayurveda Sara Samgraha
Water	1: 6	1 night	-	21	*Acharya* Yadavaji Trikamaji

2. *Ksharodaka* from *Kshara*

- The *Kshara* word was mentioned in some references in various texts for different therapeutic and pharmaceutical processes, but without converting it in *Ksharodaka* form it cannot be use in that. So, it is considered that in those references *Kshara* was used in the various processes after converting it into *Ksharodaka* form.
- The procedure to prepare *Ksharodaka* from *Kshara* is described in the Vaidyaka Shabda Sidhu, according to which six times of water is added into the prepared *Kshara* and dissolved in. Then this mixture is filtered once and put on fire to reduce 1/4th of the water content[xxviii] or up to that level where the color of the mixture turns brown.

OBSERVATION AND RESULTS

Therapeutical use

Ksharodaka prepared from *Bhasma* and from *Kshara* are used therapeutically through different procedures like *Parisheka, Gandusha, Prakshalana, Svedana, Snana, Parisechana, Netradhara, Pana, Anupana* and *Sahapana* mentioned in table No. 2 and 3 respectively.

Table No. 2 Details of different *Ksharodaka* prepared from *Bhashma* used in various therapeutical processes

Sr. No.	Name of *Ksharodaka*	Used for	Indication	Reference
1	*Yava*	*Pana*	*Gulma*	Su. Su. 11/10
			Shula, Adhmana	Ha. 3/4/31

			Makkala Shula	Y. R. *Prasuta Upadravanaha*, pg. 1
				B. R. 61/2
			Arsha	B. R. 9/280
		Sahapana	*Gulma*	Ha. 3/26/55
			Agnidagdha Upadrava	C. D. 5/157
			Kukshi Shula	Y. R. Ut. *Shula Chikitsa*, pg. 8
		Anupana	*Shotha, Atisara, Gulma*	Ha. 3/26/57
			Sitka Meha	A.S. Chi. 14/7
			Gulma, Shvasa, Kasa, Arsha	A.S. Chi. 16/13
			Vibandha	C. D. 66/116
			Hridashula, Gulma, Adhmana, Shlipada, Shvasa, Kasa	G. N. 1/3/52
		Parisheka	*Kaphaja Shotha*	Su. Chi. 1/17
			Kaphaja Vatarakta	Su. Chi. 5/10
			Darunaka	Su. Chi. 20/30
			Vranagata Krimi	A.S. Su. 38/39
				A.H. Su. 29/76
		Gandusha	*Kaphajaroga*	C.D. 76/6
		Parisechana	*Vtana Shotha*	B. P. Ma. 47/31
		Svedana	*Gauripashana Shodhana*	y. R. Pu. Gauripashana Bheda/1
		Prakshalana	*Shiroroga*	Sa. Yo. Ut. Shiroroga/58
2	*Saptaparna, Karanja, Arka, Nimba*	*Parisheka*	*Vranagata Krimi*	Su. Chi. 2/121
3	*Svarjika*	*Gandusha*	*Shleshma Sanchaya*	A.S. Su. 31/9
				A.H. Su. 22/9
4	*Kodrava Trina*	*Prakshalana*	*Darunaka*	A.S. U. 28/33
				A.H. U. 24/29
				C.D. 55/85
5	*Ghosha*	*Svedana*	*Arsha*	C.D. 5/21
				G.N. Kayachikitsa Khanda/4/62
				B. R. 9/30
6	*Rajaka*	*Snana*	*Anamakaroga*	C.D. 64/16
				B. R. 71/23
7	*Vamsha, Bhallataka, Tala, Karira*	*Netradhara*	*Netraroga*	Sa. Yo. Ut. Netraroga/93
9	*Palasha, Arjuna, Surana, Yava*	*Sahapana*	*Gulma, Vishuchika, Bhagandara,*	Ha. 3/26/18

			Plihodara, Anaha, Vibandha	
10	*Tila, Yava, Patala, Paribhadra*	*Sahapana*	*Mutraghata*	Su. Ut. 58/48
				A.S. Chi. 13/5
				A.H. Chi. 11/14
		Anupana		C. D. 33/3
11	*Palasha*	*Pana*	*Rakta Gulma*	C. D. 30/97
			Rakta Gulma	G. N. 2/25/58
			Ajirna	Y. R. Ut. *Ajirna Chikitsa*, pg. 324
		Sahapana	*Plihodara*	Su. Chi. 14/13
				A.S. Chi. 17/33
12	*Kutala*	*Sahapana*	*Mushika Visha*	A.S. U. 46/27
13	*Arka, Karira*	*Pana*	*Vataja Arsha*	G. N. 2/4/51
14	*Pippali*	*Anupana*	*Krimi, Chhardi*	Y. R. *Chhardi Chikitsa*, pg. 456
15	*Mayura Paksha*	*Pana*	*Trishna*	B. R. 71/74
16	*Vataka Kashtha*	*Pana*	*Trishna*	B. R. 71/74
17	*Shambuka*	*Pana*	*Paktishula*	Sa. Yo. Pu. 3/120
18	*Snuhi Kanda*	*Pana*	*Grahani, Arsha*	Sa. Yo. Pu. 3/135

Table No. 3 Details of different *Ksharodaka* prepared from *Kshara* used in various therapeutical processes

Sr. No.	Name of *Ksharodaka*	Used for	Indication	Reference
1	*Yava*	*Parisheka*	*Vatarakta*	Cha. Chi. 29/147
		Pana	*Koshthagata Vata*	Cha. Chi. 28/89
				C. D. 22/2
			Kaphaja Hridaroga	A.S. Chi. 8/32
			Makkala Shula	C. D. 63/30
				B. P. Ma. 71/142
		Sahapana	*Ashmari*	B. R. 36/23
		Anupana	*Vatavyadhi*	Su. Chi. 5/43
2	*Yava, Kapikachchhu, Brihati*	*Pana*	*Chikkira Visha*	Su. Ka. 7/15
3	*Ashthi of Hasti, Ashva, Shukara, Khara, Ushtra*	*Sahapana*	*Vataja Prameha*	Su. Chi. 11/9
4	*Kulattha*	*Anupana*	*Krimi*	Su. Ut. 54/39
5	*Mushkaka, Palasha, Arjuna, Dhava, Apamarga, Kadali, Tila, Jivanti, Kanaka, Haridra, Kushmanda, Vasa*	*Pana*	*Shula, Pandu, Vidradhi, Grahani, Arsha, Ajirna, Krimi, Kasa, Vamana, Kshata*	Ha. 3/4/16
6	*Kadali, Shankha*	*Sahapana*	*Vishuchika*	Ha. 3/4/28
7	*Shukti, Yava, Haridra, Kadali, Surana, Kokila, Palasha, Dahana, Arjuna, Shati, Jaya, Apamarga, Kushmanda*	*Sahapana*	*Gulma, Vibandha, Shula, Sarva Udararoga*	Ha. 3/26/39
8	*Patala*	*Sahapana*	*Mutraghata*	A.S. Chi. 13/5
9	*Tila, Yava, Patala, Paribhadra*	*Sahapana*	*Mutraghata*	A.S. Chi. 13/5
10	*Putikaranja*	*Anupana*	*Plihodara*	A.S. Chi. 17/34

11	*Gajamala*	*Anupana*	*Shvitra*	A.S. U. 49/84
12	*Hinsra, Arjuna, Palasha*	*Pana*	*Grathita Rakta*	G. N. 2/8/52
13	*Eranda Patra*	*Sahapana*	*Stholya*	B. P. Ma. 39/20
			Medoroga	B. R. 39/20
14	*Shambuka*	*Pana*	*Parinama Shula*	B. R. 30/63
15	*Kokilaksha*	*Pana*	*Shotha*	B. R. 42/33

Pharmaceutical use

Ksharodaka prepared from *Bhasma* and from *Kshara* are used in different pharmaceutical procedures including *Nimajjana*, *Nirvapana, Bhavana,* Binding media, *Paka, Ghritapaka, Tailapaka, Kshirapaka, Gudapaka* and *Yavagupaka* to prepare different formulations mentioned in the table below.

Table No. 4 Details of different *Ksharodaka* prepared from *Bhashma* used in various pharmaceutical processes

Sr. No.	Name of formulation	Name of *Ksharodaka*	Used as	Indication	Reference
1.	*Amalakavleha*	*Palasha*	*Bhavana*	*Rasayana*	Cha. Chi. 1/2/7
2.	*Kadalyadi Medaka*	*Kadali, Palasha, Patala, Nichula*	*Nimajjana* media	*Kushtha*	Cha. Chi. 7/89
3.	*Kshara Ghrita*	*Yava, Saptala, Kantakari, Chitraka*	*Ghrita Paka*	*Grahani*	Cha. Chi. 15/172
4.	*Pushkaramuladi Kalka*	*Yava*	Binding media	*Hridaroga*	Cha. Chi. 26/84
5.	*Vyoshadi Pradeha*	*Yava*	*Bhavana*	*Vatarakta*	Su. Chi. 5/10
6.	*Yava Churna*	*Arka, Guduchi*	*Bhavana*	*Shosha*	Su. Ut. 41/38
7.	*Kshara Sarpi*	*Yava*	*Ghrita Paka*	*Arsha*	Su. Chi. 6/13
8.	*Kshara Ghrita*	*Palasha*	*Ghrita Paka*	*Rakta Gulma*	Su. Ut. 42/20
9.	*Kulmasha Churna*	*Yava*	*Paka*	*Arsha*	Su. Chi. 6/13
10	*Chitrakamuladi Kshira*	*Yava*	*Kshira Paka*	*Arsha*	Su. Chi. 6/13
11	*Yava Churna*	*Arka, Guduchi*	*Bhavana*	*Praseka*	A.S. Chi. 7/94
12	*Dashamuladi Kshara Gutika*	*Dashamula, Arkamula, Dantimula, Trivruta, Chitraka, Utpala, Sariva, Patha, Rasna, Snuhi*	*Bhavana*	*Grahani*	A.S. Chi. 12/17
13	*Vishanokadi Lepa*	*Palasha*	Binding media	*Kaphaja Galaganda*	A.S. U. 26/49
14	*Mukhapakahara Gutika*	*Kutala*	Binding media	*Mukhapaka*	A.S. U. 26/53
15	*Pippalyadi Lepa*	*Kutala*	Binding media	*Vruschika Visha*	A.S. U. 43/865
16	*Abhayamalaka Rasayana*	*Palasha*	*Bhavana*	*Rasayana*	A.S. U. 49/25
17	*Palasha Rasakriya*	*Palasha*	*Paka*	*Visha*	A.S. U. 40/110
18	*Vyosha Ghrita*	*Palasha*	*Ghrita Paka*	*Pravahika, Gulma, Arsha*	A.S. Chi. 10/29

19	*Gulmahara Sneha*	*Palasha*	*Sneha Paka*	*Rakta Gulma*	A.S. Chi. 16/47
20	*Parshvashulahara Taila*- 1	*Bilva*	*Taila Paka*	*Vataja Parshvashula*	A.S. Chi. 17/14
21	*Yava Churna*	*Arka, Guduchi*	*Bhavana*	*Praseka*	A.H. Chi. 5/61
22	*Palasha Kshradi Ghrita*	*Palasha*	*Ghrita Paka*	*Arsha*	A.H. Chi. 8/74
23	*Jyotishmati Taila*	*Mayuraka*	*Taila Paka*	*Sidhma Kushtha*	A.H. Chi. 19/75
24	*Dhatura Beeja Taila*	*Manakanda*	*Taila Paka*	*Vipadika*	C. D. 50/39
25	*Upodikadi Kshara Taila*	*Upodika, Sarshapa, Nimba, Mocharasa, Karkaruka, Ervaruka*	*Taila Paka*	*Padadari*	C. D. 55/13
26	*Apamarga Kshara Taila*	*Apamarga*	*Taila Paka*	*Karnanada, Badhirya*	C. D. 57/25
27	*Karviradi Taila*	*Kadali*	*Taila Paka*	*Lomashatana*	Sha. M. Kh. 9/184
28	*Apamarga Taila*	*Apamarga*	*Taila Paka*	*Karnanada, Badhirya*	Sha. Ut. Kh. 11/144
29	*Palasha Kshara Bhavita Pippali*	*Palasha*	*Bhavana*	*Pliha, Gulma*	B. P. Ma. 33/14
30	*Dhaturadya Taila*	*Kanaka, Apamarga, Manakanda*	*Taila Paka*	*Indralupta, Vatarakta*	B. P. Ma. 29/145
31	*Palasha Sarpi*	*Palasha*	*Ghrita Paka*	*Rakta Gulma*	B. P. Ma. 32/52
32	*Katu Taila*	*Manakanda*	*Taila Paka*	*Padadari*	B. P. Ma. 62/132
33	*Shikhiri Taila*	*Apamarga*	*Taila Paka*	*Karnanada, Badhirya*	B. P. Ma. 65/17
34	*Bhihat Kravyada Rasa*	*Chanaka*	*Bhavana*	*Stholya, Shula, Granthi, Ajirna*	*Ajirna Chikitsa*, pg. 326
35	*Kravyada Rasa*	*Chanaka*	*Bhavana*	*Gulma*	Y. R. Ut. *Gulma Chikitsa*, pg. 38
36	*Kshara Bhavita Pippali*	*Palasha*	*Bhavana*	*Gulma, Pliharoga*	Y. R. Ut. *Udara Chikitsa*, pg. 112
37	*Palasha Kshara Ghrita*	*Palasha*	*Ghrita Paka*	*Rakta Gulma*	Y. R. Ut. *Gulma Chikitsa*, pg. 34
38	*Dhatura Taila*	*Manakanda*	*Taila Paka*	*Vipadika*	Y. R. Ut. *Kushtha Chikitsa*, pg. 230
39	*Jyotishmati Taila*	*Apamarga*	*Taila Paka*	*Shvitra*	Y. R. Ut. *Kushtha Chikitsa*, pg. 234
40	*Apamarga Taila*	*Apamarga*	*Taila Paka*	*Karnanada, Badhirya*	Y. R. Ut. *Karnarogadikara*, pg. 314
41	*Sarivadi Vati*	*Yava*	*Bhavana*	*Karnaroga, Prameha, Raktapitta, Shvasa, Klaibya, Jirna Jvara, Apasmara, Arsha, Madatyaya*	B. R. 62/70
42	*Kshara Guda*	*Dashamula, Triphala, Arkamula,*	*Guda Paka*	*Ajirna, Pandu, Pliha, Arsha, Kasa, Kushtha,*	B. R. 10/275

		Shatavari, Danti, Chitraka, Asphota, Rasna, Patha, Sudha, Shati		*Prameha, Gulma*	
43	*Vyoshadya Ghrita*	*Palasha*	*Ghrita Paka*	*Arsha*	B. R. 9/187
44	*Palasha Kshara Ghrita*	*Palasha*	*Ghrita Paka*	*Rakta Gulma*	B. R. 32/65
45	*Maha Dravaka Rasa*	*Vasa, Chitraka, Apamarga, Chincha, Kushmanda, Snuhi, Tada, Punarnava, Amlavetasa*	*Paka*	*Ajirna, Gulma*	B. R. 41/196
46	*Putikatvagadi Peya*	*Putika, Apamarga, Danti, Arka, Eranda, Ikshuraka, Snuhimula, Shampaka Tvak, Rambha, Talakusuma*	*Yavagu Paka*	*Shotha, Gulma, Udararoga*	Sa. Yo. Pu. 1/42

Table No. 5 Details of different *Ksharodaka* prepared from *Kshara* used in various pharmaceutical processes

Sr. No.	Name of formulation	Name of *Ksharodaka*	Used as	Indication	Reference
1	*Lauhadi Rasayana*	*Ingudi, Palasha*	*Nirvapa*	*Rasayana*	Cha. Chi. 1/3/15 G. N. *Rasayana Tantra* 1/9
2	*Pippali Rasayana*	*Palasha*	*Bhavana*	*Kasa, Shvasa, Arsha, Pandu*	Cha. Chi. 1/3/33
3	*Katuka Matsya Yoga*	*Yava*	*Bhavana*	*Rakta Gulma*	Cha. Chi. 5/175
4	*Chitrakadi Lepa*	*Palasha*	*Bhavana*	*Mandala Kushtha*	Cha. Chi. 7/85
5	*Mansyadi Lepa*	*Palasha*	*Bhavana*	*Kushtha*	Cha. Chi. 7/87
6	*Dvitiya Indrokta Rasayana*	*Palasha*	*Sneha Paka*	*Sarvaroga, Rasayana*	Cha. Chi. 1/4/17
7	*Gulma Shaithilyakara Yoga*	*Palasha*	*Sneha Paka*	*Rakta Gulma*	Cha. Chi. 5/173
8	*Kshara Vatika*	*Aja Purisha*	Binding media	*Udararoga*	Cha. Cha. 13/162
9	*Kshara Taila-1*	*Bilva*	*Taila Paka*	*Hrida Graha, Udararoga*	Cha. Chi. 13/170
10	*Kshara Taila-2*	*Agnimantha, Shyonaka, Palasha, Tilanala, Kadali, Apamarga*	*Taila Paka*	*Udararoga*	Cha. Chi. 13/170
11	*Vataraktahara Ghrita*	*Yava*	*Ghrita Paka*	*Vatarakta*	Cha. Chi. 29/145
12	*Tiladi Lepa*	*Yava*	*Bhavana*	*Vatarakta*	Su. Chi. 5/10

13	*Pootikadi Lepa*	*Aragvadha*	Binding media	*Shvitra*	Su. Chi. 9/16
14	*Kapota Vishtha Lepa*	*Yava*	*Bhavana*	*Kaphaja Arbuda*	Su. Chi. 18/36
15	*Saraladi Lepa*	*Yava*	*Bhavana*	*Kaphaja Shiroroga*	Su. Ut. 26/22
16	*Kshara Taila*	*Yava*	*Taila Paka*	*Vrana Shodhana*	Su. Chi. 2/88
17	*Kshara Ghrita*	*Patala, Apamarga, Brihati, Palasha*	*Ghrita Paka*	*Arsha*	Su. Chi. 6/13
18	*Kulmasha Churna*	*Palasha*	*Paka*	*Arsha*	Su. Chi. 6/13
19	*Kushthahara Sura*	*Palasha*	*Bhavana*	*Kushtha*	A.S. Chi. 22/18
20	*Kushthahara Parisheka*	*Yava*	*Bhavana*	*Vatarakta*	A.S. Chi. 24/14
21	*Pippali Rasayana*	*Palasha*	*Bhavana*	*Rasayana*	A.S. U. 49/70
22	*Bakuchi Lepa*	*Gaja Purisha*	Binding media	*Shvitra*	A.S. U. 49/84
23	*Kaphahara Yusha*	*Yava*	*Paka*	*Mukharoga*	A.S. U. 26/63
24	*Parshvashulahara Taila-* 2	*Shyonaka, Agnimantha, Tilanala, Kadali, Apamarga*	*Taila Paka*	*Vataja Parshvashula*	A.S. Chi. 17/14
25	*Abhayamalaka Avaleha*	*Palasha*	*Bhavana*	*Rasayana*	A.H. U. 39/25
26	*Pippali Rasayana*	*Palasha*	*Bhavana*	*Rasayana*	A.H. U. 39/97
27	*Pippali Churna*	*Palasha*	*Bhavana*	*Pliha, Gulma*	C. D. 38/2
28	*Talaksharadya Anjana*	*Tala, Narikela, Bhallataka, Vamsha, Karira*	*Bhavana*	*Netraroga*	C. D. 59/80
29	*Pippali Rasayana*	*Palasha*	*Bhavana*	*Arsha, Kasa, Shvasa, Hikka, Grahani, Gulma*	C. D. 66/9
30	*Mudga Yusha*	*Yava*	*Paka*	For *Bhojana* in *Jihvaroga*	C. D. 56/58
31	*Krushnikarana Anjana*	*Tala, Narikela, Bhallataka, Karavira, Vansha*	*Bhavana*	*Netraroga*	G. N. 3/ *Netrarogadhikara*/ 214
32	*Yavaksharadi Ghrita*	*Yava*	*Ghrita Paka*	*Svara Bhanga*	G. N. 2/8/6
33	*Pippali Churna*	*Palasha*	*Bhavana*	*Gulma, Pliha, Rasayana*	B. R. 41/24
34	*Pippali Rasayana*	*Palasha*	*Bhavana*	*Kasa, Shvasa, Hikka, Arsha, Grahani, Pandu, Pinasa,*	B. R. 73/19

				Gulma, Shotha	
35	*Kshara Ghrita*	*Mushkaka, Kutaja, Gunja, Chitraka, Kadali, Vasa, Arka, Snuhi, Apamarga, Karvira, Bibhitaka, Palasha, Paribhadra, Karanja*	*Ghrita Paka*	*Tila Kalaka, Padmini Kantaka, Dadru, Sidhma*	B. R. 60/97

DISCUSSION

Based on the comprehensive literature and reviewed from the available texts, the following is a detailed discussion concerning *Kshara Kalpana*, with a specific focus on *Ksharodaka*.

Kshara Kalpana is one of the important dosage forms in Ayurveda. *Kshara* refers to substances obtained from the ashes of medicinal plants, animals, or mineral sources. *Ksharodaka* is an intermediate product in the processing of *Kshara*, prepared by mixing the ash of medicinal substances with water. In Ayurveda, both *Kshara* and *Ksharodaka* are widely used for therapeutic and pharmaceutical purposes. In the present study, *Palasha Ksharodaka* is used for the *Bhavana* of *Pippali Rasayana*. Considering this, a review of different *Ksharodaka*, along with the name of the formulation and their use, has been conducted for this study.

Etymologically, as highlighted by classic commentators like *Hemadri* and *Arundatta*, the term represents an alkali solution generated by combining the raw ash (*Bhasma*) of medicinal materials with a liquid vehicle (predominantly water or cow's urine) and filtering it. Hemadri explicitly defines *Ksharamambu* as the filtered supernatant water of *Bhasma*. Similarly, *Dalhana* defines *Ksharodaka* as the specific supernatant fluid collected after straining or decanting the ash mixture. Its various synonyms such as *Ksharajala*[xxix], *Ksharodaka*[xxx], *Ksharambhu*[xxxi], *Ksharavari*[xxxii], *Bhasmodaka*[xxxiii], *Bhasmajala*[xxxiv], *Bhasmavari*[xxxv], *Ksharatoya*[xxxvi], *Ksharambhasa*[xxxvii] underscore its alkaline, water-based nature across classical configurations.
The literature reveals two distinct manufacturing methodologies for preparing *Ksharodaka*:

Method A: *Bhasma Shruta Jala* (Mixture obtained from ash)

This is the standard baseline method where raw ash is mixed with liquid media, allowed to settle, and filtered. The text shows wide variability among historical *Acharya* regarding the ash-to-liquid ratio, sedimentation duration, and filtration density in Table No. 1.

● **Ratio Dynamics:** The most prevalent ash-to-liquid ratio across classical texts is **1:4** (as seen in *Sharangadhara Samhita*, *Ayurveda Prakasha*, and *Rasa Tarangini*). However, *Sushruta Samhita* sets the standard ratio at **1:6**, whereas *Ashtanga Sangraha* and *Ashtanga Hridaya* specify mixing 1 part ash with 4 parts water and 4 parts *Gomutra* (effectively a 1:8 total liquid volume ratio). Extreme ends of dilution are found in *Vangasena Samhita* (up to **1:21**) and *Rasa Tantra Sara Evum Siddha Prayoga Samgraha* (**1:16**).

● **Filtration Strictness:** *Sushruta Samhita* mandates that the mixture be filtered **21 times** through a clean cloth to yield a purely clear, highly alkaline intermediate. Conversely, *Rasa Tarangini* demands only **3 folds of cloth** with a short **3 hours** sedimentation time, while *Ayurveda Sara Samgraha* advocates a prolonged **2–3 days** sedimentation time followed by **7 filtrations** through **4 folds of cloth**.

Method B: *Ksharodaka* from Prepared *Kshara*

Derived from the text *Vaidyaka Shabda Sindhu*, this process involves dissolving already processed *Kshara* back into **six times its volume of water**. The solution is filtered once and

boiled down until it reduces by 1/4th of its volume or transforms into a brown colored liquid. This demonstrates that *Ksharodaka* can serve as both a precursor intermediate and a reconstituted operational medium.[xxxviii]

Ksharodaka prepared from *Bhashma* has a clear, transparent liquid appearance. While *Ksharodaka* prepared from *Kshara* has a brown-colored liquid appearance and slimy consistency with a characteristic odor. This change in the organoleptic characteristics of *Ksharodaka* suggests a change in the properties of *Ksharodaka* when prepared from two different methods.

In the review references of different *Ksharodaka* are found to be made up by above mentioned two methods and used in therapeutic procedures (Table No. 6 and 7) and pharmaceutical procedures (Table No. 8 and 9).

Table No. 6 Name of *Ksharodaka* prepared from *Bhasma* mentioned in therapeutic procedures

Sr. No.	Name *Ksharodaka*	*Parisheka*	*Gandusha*	*Prakshalana*	*Svedana*	*Snana*	*Parisechana*	*Netradhara*	*Pana*	*Anupana*	*Sahapana*	Total
01	*Yava*	05	01	01	-	-	01	-	05	06	07	**26**
02	*Palasha*	-	-	-	-	-	-	-	03		03	**06**
03	*Saptaparna*	01	-	-	-	-	-	-	-	-	-	**01**
04	*Karanja*	01	-	-	-	-	-	-	-	-	-	**01**
05	*Arka*	02	-	-	-	-	-	-	-	-	-	**02**
06	*Nimba*	01	-	-	-	-	-	-	-	-	-	**01**
07	*Svarjika*	-	02	-	-	-	-	-	-	-	-	**02**
08	*Kodrava*	-	-	03	-	-	-	-	-	-	-	**03**
09	*Ghosha*	-	-	-	03	-	-	-	-	-	-	**03**
10	*Rajaka*	-	-	-	-	02	-	-	-	-	-	**02**
11	*Vamsha*	-	-	-	-	-	-	01	-	-	-	**01**
12	*Bhallataka*	-	-	-	-	-	-	01	-	-	-	**01**
13	*Tala*	-	-	-	-	-	-	01	-	-	-	**01**
14	*Karira*	01	-	-	-	-	-	01	-	-	-	**02**
15	*Patala*	-	-	-	-	-	-	-	-	01	03	**04**
16	*Paribhadra*	-	-	-	-	-	-	-	-	01	03	**04**
17	*Tila*	-	-	-	-	-	-	-	-	01	03	**04**
18	*Arjuna*	-	-	-	-	-	-	-	-	-	01	**01**
19	*Surana*	-	-	-	-	-	-	-	-	-	01	**01**
20	*Kutala*	-	-	-	-	-	-	-	-	-	01	**01**
21	*Pippali*	-	-	-	-	-	-	-	-	01	-	**01**
22	*Mayuraka Paksha*	01	-	-	-	-	-	-	-	-	-	**01**
23	*Vataka Kashtha*	01	-	-	-	-	-	-	-	-	-	**01**
24	*Sambuka*	01	-	-	-	-	-	-	-	-	-	**01**
25	*Snuhi Kanda*	01	-	-	-	-	-	-	-	-	-	**01**
Total		**15**	**03**	**04**	**03**	**02**	**01**	**04**	**08**	**10**	**22**	**72**

After reviewing Ayurvedic classics, a total 25 types of different *Ksharodaka* (Table No. 7.10) prepared from *Bhasma* were found to be used therapeutically in 10 texts i.e. *Parisheka* (15), *Gandusha* (03), *Prakshalana* (04), *Svedana* (03), *Snana* (02), *Parisechana* (01), *Netradhara* (04), *Pana* (08), *Anupana* (10) and *Sahapana* (22). Among total 72 *Ksharodaka* (Table No. 7.10)

Yava Ksharodaka (26) was found to be used in most number of therapeutical procedures followed by *Palasha Ksharodaka* (06).

Table No. 7 Name of *Ksharodaka* prepared from *Kshara* mentioned in therapeutic procedures

Sr. No.	Name *Ksharodaka*	*Parisheka*	*Pana*	*Anupana*	*Sahapana*	Total
01	*Yava*	01	06	01	03	**11**
02	*Kapikachchhu*	-	01	-	-	**01**
03	*Brihati*	-	01	-	-	**01**
04	*Hasti Ashthi*	-	-	-	01	**01**
05	*Ashva Ashthi*	-	-	-	01	**01**
06	*Shukara Ashthi*	-	-	-	01	**01**
07	*Khara Ashthi*	-	-	-	01	**01**
08	*Ushtra Ashthi*	-	-	-	01	**01**
09	*Kulattha*	-	-	01	-	**01**
10	*Mushkaka*	-	01	-	-	**01**
11	*Palasha*	-	02	-	01	**03**
12	*Arjuna*	-	02	-	01	**03**
13	*Dhava*	-	01	-	-	**01**
14	*Apamarga*	-	01	-	01	**02**
15	*Kadali*	-	01	-	02	**03**
16	*Tila*	-	01	-	01	**02**
17	*Jivanti*	-	01	-	-	**01**
18	*Kanaka*	-	01	-	-	**01**
19	*Haridra*	-	01	-	01	**02**
20	*Kushmanda*	-	01	-	01	**02**
21	*Vasa*	-	01	-		**01**
22	*Shankha*	-	-	-	01	**01**
23	*Shukti*	-	-	-	01	**01**
24	*Surana*	-	-	-	01	**01**
25	*Kokilaksha*	-	01	-	01	**02**
26	*Dahana*	-	-	-	01	**01**
27	*Shati*	-	-	-	01	**01**
28	*Agnimantha*	-	-	-	01	**01**
29	*Patala*	-	-	-	02	**02**
30	*Paribhadra*	-	-	-	01	**01**
31	*Karanja*	-	-	01	-	**01**
32	*Gajamala*	-	-	01	-	**01**
33	*Hinsra*	-	01	-	-	**01**
34	*Eranda Patra*	-	-	-	02	**02**
35	*Shambuka*	-	01	-	-	**01**
Total		**01**	**25**	**04**	**28**	**58**

Total 35 different types of *Ksharodaka* (Table No. 7.11) prepared from the *Kshara* used therapeutically i.e. *Parisheka* (01), *Pana* (25), *Anupana* (04) and *Sahapana* (28). Among total 58

Ksharodaka (Table No. 7) which are prepared from *Kshara*, *Yava Ksharodaka* was used in mostly in the therapeutic procedures.

Table No. 8 Name of *Ksharodaka* prepared from *Bhasma* used in various pharmaceutical procedures

Sr. No.	Name *Ksharodaka*	*Bhavana*	*Ghrita Paka*	*Taila Paka*	*Binding* media	*Nimajjana* media	*Paka*	*Kshira Paka*	*Sneha Paka*	*Guda Paka*	*Yavagu Paka*	Total
01	*Palasha*	04	07	-	01	01	01	-	01	-	-	**15**
02	*Kadali*	-	-	01	-	01	-	-	-	-	01	**03**
03	*Patala*	-	-	-	-	01	-	-	-	-	-	**01**
04	*Nichula*	-	-	-	-	01	-	-	-	-	-	**01**
05	*Yava*	02	02	-	01	-	01	01	-	-	-	**07**
06	*Saptala*	-	01	-	-	-	-	-	-	-	-	**01**
07	*Kantakari*	-	01	-	-	-	-	-	-	-	-	**01**
08	*Chitraka*	01	01	-	-	-	01	-	-	01	-	**04**
09	*Arka*	04	-	-	-	-	-	-	-	01	01	**06**
10	*Guduchi*	03	-	-	-	-	-	-	-	-	-	**03**
11	*Dashamula*	01	-	-	-	-	-	-	-	01	-	**02**
12	*Danti*	01	-	-	-	-	-	-	-	01	01	**03**
13	*Trivrutta*	01	-	-	-	-	-	-	-	-	-	**01**
14	*Utpala*	01	-	-	-	-	-	-	-	-	-	**01**
15	*Sariva*	01	-	-	-	-	-	-	-	-	-	**01**
16	*Patha*	01	-	-	-	-	-	-	-	01	-	**02**
17	*Rasna*	01	-	-	-	-	-	-	-	01	-	**02**
18	*Snuhi*	01	-	-	-	-	01	-	-	-	01	**03**
19	*Kutala*	-	-	-	02	-	-	-	-	-	-	**02**
20	*Bilva*	-	-	01	-	-	-	-	-	-	-	**01**
21	*Mayuraka*	-	-	01	-	-	-	-	-	-	-	**01**
22	*Manakanda*	-	-	04	-	-	-	-	-	-	-	**04**
23	*Upodika*	-	-	01	-	-	-	-	-	-	-	**01**
24	*Sarshapa*	-	-	01	-	-	-	-	-	-	-	**01**
25	*Nimba*	-	-	01	-	-	-	-	-	-	-	**01**
26	*Mocharasa*	-	-	01	-	-	-	-	-	-	-	**01**
27	*Karkaruka*	-	-	01	-	-	-	-	-	-	-	**01**
28	*Ervaruka*	-	-	01	-	-	-	-	-	-	-	**01**
29	*Apamarga*	-	-	06	-	-	01	-	-	-	01	**08**
30	*Kanaka*	-	-	01	-	-	-	-	-	-	-	**01**
31	*Chanaka*	02	-	-	-	-	-	-	-	-	-	**02**
32	*Triphala*	-	-	-	-	-	-	-	-	01	-	**01**
33	*Shatavari*	-	-	-	-	-	-	-	-	01	-	**01**
34	*Asphota*	-	-	-	-	-	-	-	-	01	-	**01**
35	*Sudha*	-	-	-	-	-	-	-	-	01	-	**01**
36	*Shati*	-	-	-	-	-	-	-	-	01	-	**01**
37	*Vasa*	-	-	-	-	-	01	-	-	-	-	**01**
38	*Chincha*	-	-	-	-	-	01	-	-	-	-	**01**
39	*Kushmanda*	-	-	-	-	-	01	-	-	-	-	**01**
40	*Tada*	-	-	-	-	-	01	-	-	-	-	**01**
41	*Punarnava*	-	-	-	-	-	01	-	-	-	-	**01**
42	*Amlavetasa*	-	-	-	-	-	01	-	-	-	-	**01**
43	*Putika*	-	-	-	-	-	-	-	-	-	01	**01**
44	*Eranda*	-	-	-	-	-	-	-	-	-	01	**01**
45	*Ikshuraka*	-	-	-	-	-	-	-	-	-	01	**01**
46	*Shampaka*	-	-	-	-	-	-	-	-	-	01	**01**

Sr. No.	Name *Ksharodaka*	*Bhavana*	*Ghrita Paka*	*Taila Paka*	*Binding* media	*Nimajjana* media	*Paka*	*Kshira Paka*	*Sneha Paka*	*Guda Paka*	*Yavagu Paka*	Total
47	*Tvak*	-	-	-	-	-	-	-	-	-	01	**01**
48	*Talakushum*	-	-	-	-	-	-	-	-	-	01	**01**
Total		**24**	**12**	**20**	**04**	**04**	**11**	**01**	**01**	**11**	**11**	**99**

After reviewing 12 Ayurvedic texts total 48 different types of *Ksharodaka* prepared from *Bhasma* (Table No. 7.12) were found to be used in pharmaceutical procedures i.e. *Bhavana* (24), *Ghrita Paka* (12), *Taila Paka* (20), Binding media (04), *Nimajjana* media (04), *Paka* (11), *Kshira Paka* (01), *Sneha Paka* (01), *Guda Paka* (11) and *Yavagu Paka* (11). Among total 99 *Ksharodaka* prepared from *Bhasma, Palasha Ksharodaka* (15) was used mostly in the pharmaceutical procedures followed by *Apamarga* (08), *Yava* (07) and *Arka* (06) *Ksharodaka*.

Table No. 9 Name of *Ksharodaka* prepared from *Kshara* used for different formulations

Sr. No.	Name *Ksharodaka*	*Bhavana*	*Ghrita Paka*	*Taila Paka*	*Binding* media	*Nirvapa* media	*Paka*	*Sneha Paka*	Total
01	*Palasha*	11	02	01	-	01	01	02	**18**
02	*Ingudi*	-	-	-	-	01	-	-	**01**
03	*Yava*	05	02	01	-	-	02	-	**10**
04	*Ajapurisha*	-	-	-	01	-	-	-	**01**
05	*Gajapurisha*	-	-	-	01	-	-	-	**01**
06	*Bilva*	-	-	01	-	-	-	-	**01**
07	*Agnimantha*	-	-	02	-	-	-	-	**02**
08	*Shyonaka*	-	-	02	-	-	-	-	**02**
09	*Tilanala*	-	-	02	-	-	-	-	**02**
10	*Kadali*	-	01	02	-	-	-	-	**03**
11	*Apamarga*	-	02	02	-	-	-	-	**04**
12	*Aragvadha*	-	-	-	01	-	-	-	**01**
13	*Patala*	-	01	-	-	-	-	-	**01**
14	*Brihati*	-	01	-	-	-	-	-	**01**
15	*Tala*	02	-	-	-	-	-	-	**02**
16	*Narikela*	02	-	-	-	-	-	-	**02**
17	*Bhallataka*	02	-	-	-	-	-	-	**02**
18	*Vamsha*	02	-	-	-	-	-	-	**02**
19	*Karira*	02	-	-	-	-	-	-	**02**
20	*Mushkaka*	-	01	-	-	-	-	-	**01**
21	*Kutaja*	-	01	-	-	-	-	-	**01**
22	*Gunja*	-	01	-	-	-	-	-	**01**
23	*Chitraka*	-	01	-	-	-	-	-	**01**
24	*Vasa*	-	01	-	-	-	-	-	**01**
25	*Arka*	-	01	-	-	-	-	-	**01**
26	*Snuhi*	-	01	-	-	-	-	-	**01**
27	*Karvira*	-	01	-	-	-	-	-	**01**
28	*Bibhitaki*	-	01	-	-	-	-	-	**01**

Sr. No.	Name *Ksharodaka*	*Bhavana*	*Ghrita Paka*	*Taila Paka*	*Binding* media	*Nirvapa* media	*Paka*	*Sneha Paka*	Total
29	*Paribhadra*	-	01	-	-	-	-	-	**01**
30	*Karanja*	-	01	-	-	-	-	-	**01**
Total		**26**	**20**	**13**	**03**	**02**	**03**	**02**	**69**

After reviewing 09 Ayurvedic texts total 30 different types of *Ksharodaka* prepared from *Kshara* (Table No. 9) were found to be used in pharmaceutical procedures i.e. *Bhavana* (26), *Ghrita Paka* (20), *Taila Paka* (13), Binding media (03), *Nirvapa* media (02), *Paka* (03) and *Sneha Paka* (02). Among the total 69 *Ksharodaka* prepared from *Kshara, Palasha Ksharodaka* (18) was used mostly in the pharmaceutical procedures, followed by *Yava* (10) and *Apamarga* (04) *Ksharodaka.*

Table No. 10 Name of total *Ksharodaka* mentioned in different Ayurvedic classics

Sr. No.	Name *Ksharodaka*	Cha. S.	Su. S.	Ha. S.	A.S.	A.H.	C.D.	G. N.	Sha. S.	B.P.	Y.R.	B. R.	Sa. Yo.	Total
01	*Palasha*	09	04	03	08	03	03	03	-	02	03	05	-	**43**
02	*Yava*	07	16	05	10	03	07	02	-	02	03	04	01	**60**
03	*Saptala*	01	-	-	-	-	-	-	-	-	-	-	-	**01**
04	*Kantakri*	01	-	-	-	-	-	-	-	-	-	-	-	**01**
05	*Chitraka*	01	-	-	01	-	-	-	-	-	-	03	-	**05**
06	*Arka*	-	02	-	02	01	-	01	-	-	-	02	01	**09**
07	*Guduchi*	-	01	-	01	01	-	-	-	-	-	-	-	**03**
08	*Patala*	01	02	-	02	01	01	-	-	-	-	-	-	**07**
09	*Paribhadra*	-	01	-	02	01	01	-	-	-	-	-	-	**05**
10	*Tila*	-	01	01	02	01	01	-	-	-	-	-	-	**06**
11	*Arjuna*	-	-	04	-	-	-	01	-	-	-	-	-	**05**
12	*Surana*	-	-	02	-	-	-	-	-	-	-	-	-	**02**
13	*Dashamula*	-	-	-	-	-	-	-	-	-	-	01	-	**02**
14	*Danti*	-	-	-	01	-	-	-	-	-	-	01	01	**03**
15	*Trivritta*	-	-	-	01	-	-	-	-	-	-	-	-	**01**
16	*Utpala*	-	-	-	01	-	-	-	-	-	-	-	-	**01**
17	*Sariva*	-	-	-	01	-	-	-	-	-	-	-	-	**01**
18	*Patha*	-	-	-	01	-	-	-	-	-	-	01	-	**02**
19	*Rasna*	-	-	-	01	-	-	-	-	-	-	01	-	**02**
20	*Snuhi*	-	-	-	01	-	-	-	-	-	-	02	02	**05**
21	*Bilva*	01	-	-	01	-	-	-	-	-	-	-	-	**02**
22	*Kutala*	-	-	-	02	-	-	-	-	-	-	-	-	**02**
23	*Mayuraka*	-	-	-	-	01	-	-	-	-	-	-	-	**01**
24	*Manakanda*	-	-	-	-	-	01	-	-	02	01	-	-	**04**
25	*Upodika*	-	-	-	-	-	01	-	-	-	-	-	-	**01**
26	*Sarshapa*	-	-	-	-	-	01	-	-	-	-	-	-	**01**
27	*Nimba*	-	01	-	-	-	01	-	-	-	-	-	-	**02**
28	*Mocharasa*	-	-	-	-	-	01	-	-	-	-	-	-	**01**
29	*Karkaruka*	-	-	-	-	-	01	-	-	-	-	-	-	**01**
30	*Ervaruka*	-	-	-	-	-	01	-	-	-	-	-	-	**01**
31	*Apamarga*	01	01	02	01	-	01	-	01	02	02	02	01	**14**
32	*Karira*	-	-	-	-	-	01	01	-	-	-	-	01	**03**
33	*Kadali*	02	-	03	01	-	-	-	01	-	-	01	01	**09**
34	*Kanaka*	-	-	01	-	-	-	-	-	01	-	-	-	**02**
35	*Chanaka*	-	-	-	-	-	-	-	-	-	02	-	-	**02**
36	*Pippali*	-	-	-	-	-	-	-	-	-	01	-	-	**01**
37	*Triphala*	-	-	-	-	-	-	-	-	-	-	01	-	**01**
38	*Shatavari*	-	-	-	-	-	-	-	-	-	-	01	-	**01**

Sr. No.	Name *Ksharodaka*	Cha. S.	Su. S.	Ha. S.	A.S.	A.H.	C.D.	G. N.	Sha. S.	B.P.	Y.R.	B. R.	Sa. Yo.	Total
39	*Asphota*	-	-	-	-	-	-	-	-	-	-	01	-	**01**
40	*Sudha*	-	-	-	-	-	-	-	-	-	-	01	-	**01**
41	*Mayura Paksha*	-	-	-	-	-	-	-	-	-	-	01	-	**01**
42	*Vataka Kashtha*	-	-	-	-	-	-	-	-	-	-	01	-	**01**
43	*Shati*	-	-	01	-	-	-	-	-	-	-	01	-	**02**
44	*Putika*	-	-	-	-	-	-	-	-	-	-		01	**01**
45	*Eranda*	-	-	-	-	-	-	-	-	01	-	01	01	**03**
46	*Ikshuraka*	-	-	-	-	-	-	-	-	-	-	-	01	**01**
47	*Shampaka*	-	-	-	-	-	-	-	-	-	-	-	01	**01**
48	*Tvak*	-	-	-	-	-	-	-	-	-	-	-	01	**01**
49	*Shambuka*	-	-	-	-	-	-	-	-	-	-	01	01	**02**
50	*Talakushum*	-	-	-	-	-	-	-	-	-	-	-	01	**01**
51	*Vasa*	-	-	01	-	-	-	-	-	-	-	02	-	**03**
52	*Kutaja*	-	01	-	01	-	01	01	-	-	-	01	-	**05**
53	*Hinsra*	-	-	-	-	-	-	01	-	-	-	-	-	**01**
54	*Tilanala*	01	-	-	01	-	-	-	-	-	-	-	-	**02**
55	*Kokilaksha*	-	-	01	-	-	-	-	-	-	-	01	-	**02**
56	*Tala*	-	-	-	-	-	01	01	-	-	-	-	01	**03**
57	*Dhahana*	-	-	01	-	-	-	-	-	-	-	-	-	**01**
58	*Jivanti*	-	-	01	-	-	-	-	-	-	-	-	-	**01**
59	*Karvira*	-	-	-	-	-	-	01	-	-	-	01	-	**02**
60	*Putikaranja*	-	01	-	01	-	-	-	-	-	-	01	-	**03**
61	*Vamsha*	-	-	-	-	-	01	01	-	-	-	-	01	**03**
62	*Bhallataka*	-	-	-	-	-	01	01	-	-	-	-	01	**03**
63	*Narikela*	-	-	-	-	-	01	01	-	-	-	-	-	**02**
64	*Kushmanda*	-	-	02	-	-	-	-	-	-	-	01	-	**03**
65	*Agnimantha*	01	-	01	01	-	-	-	-	-	-	-	-	**03**
66	*Shyonaka*	01	-	-	01	-	-	-	-	-	-	-	-	**02**
67	*Brihati*	-	02	-	-	-	-	-	-	-	-	-	-	**02**
68	*Kapikacchu*	-	01	-	-	-	-	-	-	-	-	-	-	**01**
69	*Haridra*	-		02	-	-	-	-	-	-	-	-	-	**02**
70	*Hasti Ashthi*	-	01	-	-	-	-	-	-	-	-	-	-	**01**
71	*Ashva Ashthi*	-	01	-	-	-	-	-	-	-	-	-	-	**01**
72	*Shukara Ashthi*	-	01	-	-	-	-	-	-	-	-	-	-	**01**
73	*Khara Ashthi*	-	01	-	-	-	-	-	-	-	-	-	-	**01**
74	*Ushtra Ashthi*	-	01	-	-	-	-	-	-	-	-	-	-	**01**
75	*Kulattha*	-	01	-	-	-	-	-	-	-	-	-	-	**01**
76	*Mushkaka*	-	-	01	-	-	-	-	-	-	-	02	-	**03**
77	*Gunja*	-	-	-	-	-	-	-	-	-	-	01	-	**01**
78	*Shukti*	-	-	01	-	-	-	-	-	-	-	-	-	**01**
79	*Bibhitaki*	-	-	-	-	-	-	-	-	-	-	01	-	**01**
80	*Shankha*	-	-	01	-	-	-	-	-	-	-	-	-	**01**
81	*Gajamala*	-	-	-	02	-	-	-	-	-	-	-	-	**02**
82	*Ingudi*	01	-	-	-	-	-	01	-	-	-	-	-	**02**
83	*Ajapurisha*	01	-	-	-	-	-	-	-	-	-	-	-	**01**
84	*Aragvadha*	-	01	-	-	-	-	-	-	-	-	-	-	**01**
85	*Rajaka*	-	-	-	-	-	01	-	-	-	-	01	-	**02**
86	*Nichula*	01	-	-	-	-	-	-	-	-	-	-	-	**01**
87	*Saptaparna*	-	01	-	-	-	-	-	-	-	-	-	-	**01**
88	*Svarjika*	-	01		01	01		-	-	-	-	-	-	**03**
89	*Kodrava*	-	-	-	02	01	01	-	-	-	-	-	-	**04**
90	*Ghosha*	-	-	-	-	-	01	01	-	-	-	01	-	**03**
91	*Chincha*	-	-	-	-	-	-	-	-	-	-	01	-	**01**
92	*Tada*	-	-	-	-	-	-	-	-	-	-	01	-	**01**
93	*Punarnava*	-	-	-	-	-	-	-	-	-	-	01	-	**01**
94	*Amlavetasa*	-	-	-	-	-	-	-	-	-	-	01	-	**01**
95	*Kalaka*	-	-	-	-	-	-	-	-	-	-	01	-	**01**
Total		**30**	**43**	**34**	**51**	**14**	**30**	**17**	**02**	**10**	**12**	**50**	**18**	**311**

Total 95 different types of *Ksharodaka* (Table No. 10) were compiled from 12 Ayurvedic classics i.e. Charaka Samhita (30), Sushruta Samhita (43), Harita Samhita (34), Ashtanga Samgraha (51), Ashtanga Hridaya (14), Chakradatta (30), Gadanigraha (17), Sharangadhara Samhita (02), Bhavaprakasha Samhita (10), Yogaratnakara (12), Bhaishajya Ratnavali (50) and sahastrayoga (18). Among these classics, Ashtanga Samgraha has the most number of *Ksharodaka,* followed by Bhaishajya Ratnavali, Sushruta Samhita, Harita Samhita and Charaka Samhita used for different procedures and to prepare different formulations. Among these total 311 *Ksharodaka* (Table No. 7.14), *Yava Ksharodaka* (60) and *Palasha Ksharodaka* (43) are used for the maximum time for different procedures and to prepare different formulations.

CONCLUSION

Ksharodaka is an intermediate product in the processing of *Kshara* and used therapeutically for different procedures like *Parisheka, Gandusha, Prakshalana, Svedana, Snana, Parisechana, Netradhara, Pana, Anupana* and *Sahapana*. In the pharmaceutical field, it is utilized in the preparation of various dosage forms through different processes like *Nimajjana*, *Nirvapana, Bhavana,* Binding media, *Paka, Ghritapaka, Tailapaka, Kshirapaka, Gudapaka* and *Yavagupaka*. It is used both in single-drug preparation (e.g., *Yava Ksharodaka, Pippali Rasayana*) and as a multi-drug formulation (e.g., *Mankandadi Ksharodaka*). In this review etymology, definition, synonyms, and two methods of preparation: 1) *Bhasma Shruta Jala* and 2) Prepared *Kshara*. A total of 95 different types of *Ksharodaka* were compiled from 12 Ayurvedic classics. Most number of *Ksharodaka* are present in Ashtanga Hridaya (51), Bhaishajya Ratnavali (50), Sushruta Samhita (43), and Harita Samhita (34). *Yava Ksharodaka* (60) and *Palasha Ksharodaka* (43) are used for the maximum time for different procedures and to prepare different formulations.

REFERENCE

[i] Agnivesha, Charaka, Dridhabala, Charaka Samhita, Vimana Sthana, cha.8 verse.135, edited and translated by Acharya Vidhyadhara Shukla, Reprint, Chaukhambha Sanskrit Pratishthana, Delhi, 2017; 650

[ii] Sushruta, Sushruta Samhita, Sutra Sthana, cha.11 verse 12, edited and translated by Dr. Ambikadatta Shashtri, Reprint, Chaukhambha Sanskrit sansthan, Varanasi, 2017; 114

[iii] Vriddha Vagbhata, Ashtanga Sangraha, Sutra Sthana, cha.39, verse 10, edited and translated by Kaviraja Atridev Gupta, Reprint, Varanasi: Chaukhambha Krishnadasa Academy; 2016; 255

[iv] Chakrapanidatta, Chakradatta, cha.5, verse 144, edited by Dr. Indradeva Tripathi, Prof. Ramanath Dvivedy, Reprint, Varanasi: Chaukhambha Sanskrit Bhawan;2023; 66

[v] Sodhala, Gada Nigraha, Kayachikitsa Khanda, cha.4, verse 171, edited by Vaidya Yadavaji Trikamaji Acharya, 4th edition, Varanasi: Chaukhambha Sanskrit Bhawan; 2003; 235

[vi] Govind Das Sen, Bhaishajya Raatnavali, cha.9, verse 269, edited by Prof. Siddhi Nandana Mishra, Reprint, Varanasi: Chaukhambha Surbharati Prakashana; 2023; 333

[vii] Govind Das Sen, Bhaishajya Raatnavali, cha.9, verse 269, edited by Prof. Siddhi Nandana Mishra, Reprint, Varanasi: Chaukhambha Surbharati Prakashana; 2023; 333

[viii] Sushruta, Sushruta Samhita, Sutra Sthana, cha.11 verse 13, edited and translated by Dr. Ambikadatta Shashtri, Reprint, Chaukhambha Sanskrit sansthan, Varanasi, 2017; 115

[ix] Vriddha Vagbhata, Ashtanga Sangraha, Sutra Sthana, cha.39, verse 11, edited and translated by Kaviraja Atridev Gupta, Reprint, Varanasi: Chaukhambha Krishnadasa Academy; 2016; 256

[x] Vagbhata, Ashtanga Hridayam, Sutra Sthana, cha.30, verse 23, edited by Brahmanand Tripathi, Reprint, Delhi: Chaukhambha Sanskrit Pratishthana;2017; 330

[xi] Sushruta, Sushruta Samhita, Sutra Sthana, cha.22 verse 8,9, edited and translated by Dr. Ambikadatta Shashtri, Reprint, Chaukhambha Sanskrit sansthan, Varanasi, 2017; 250, 251

[xii] Sushruta, Sushruta Samhita, Sutra Sthana, cha.22 verse 8,9, edited and translated by Dr. Ambikadatta Shashtri, Reprint, Chaukhambha Sanskrit sansthan, Varanasi, 2017; 250, 251
[xiii] Vriddha Vagbhata, Ashtanga Sangraha, Nidana Sthana, cha.5, verse 35, edited and translated by Kaviraja Atridev Gupta, Reprint, Varanasi: Chaukhambha Krishnadasa Academy; 2016; 364
[xiv] Vagbhata, Ashtanga Hridayam, Nidana Sthana, cha.10, verse 14, edited by Brahmanand Tripathi, Reprint, Delhi: Chaukhambha Sanskrit Pratishthana;2017; 496
[xv] Maharshi Ved Vyasa, Garuda Purana, Acharakanda, Cha. 153 verse 7, translated by M.N. Datta, New Bharatiya Book Corporation, New Delhi, 2005; 364
[xvi] Vriddha Vagbhata, Ashtanga Sangraha, Uttara Sthana, cha.29, verse 7,29, edited and translated by Kaviraja Atridev Gupta, Reprint, Varanasi: Chaukhambha Krishnadasa Academy; 2016; 294, 297
[xvii] Vagbhata, Ashtanga Hridayam, Nidana Sthana, cha.10, verse 14, edited by Brahmanand Tripathi, Reprint, Delhi: Chaukhambha Sanskrit Pratishthana;2017; 496
[xviii] Vriddha Vagbhata, Ashtanga Sangraha, Sutra Sthana, cha.34, verse 34, edited and translated by Kaviraja Atridev Gupta, Reprint, Varanasi: Chaukhambha Krishnadasa Academy; 2016; 236
[xix] Vriddha Vagbhata, Ashtanga Sangraha, Sutra Sthana, cha.7, verse 94, edited and translated by Kaviraja Atridev Gupta, Reprint, Varanasi: Chaukhambha Krishnadasa Academy; 2016;
[xx] Maharshi Ved Vyasa, Garuda Purana, Acharakanda, Cha. 153 verse 7, translated by M.N. Datta, New Bharatiya Book Corporation, New Delhi, 2005; 364
[xxi] Agnivesha, Charaka, Dridhabala, Charaka Samhita, Chikitsa Sthana, cha.26 verse.84, edited and translated by Acharya Vidhyadhara Shukla, Reprint, Chaukhambha Sanskrit Pratishthana, Delhi, 2017;
[xxii] Govind Das Sen, Bhaishajya Raatnavali, cha.36, verse 23, edited by Prof. Siddhi Nandana Mishra, Reprint, Varanasi: Chaukhambha Surbharati Prakashana; 2023; 690
[xxiii] Anonymus, Sahastrayoga, Uttarardha, Netraroga, verse 93, Reprint, New Delhi: CCRAS; 2011; 397
[xxiv] Govind Das Sen, Bhaishajya Raatnavali, cha.71, verse 74, edited by Prof. Siddhi Nandana Mishra, Reprint, Varanasi: Chaukhambha Surbharati Prakashana; 2023; 1084
[xxv] Govind Das Sen, Bhaishajya Raatnavali, cha.9, verse 187, edited by Prof. Siddhi Nandana Mishra, Reprint, Varanasi: Chaukhambha Surbharati Prakashana; 2023; 325
[xxvi] Govind Das Sen, Bhaishajya Raatnavali, cha.41, verse 196, edited by Prof. Siddhi Nandana Mishra, Reprint, Varanasi: Chaukhambha Surbharati Prakashana; 2023; 762
[xxvii] Agnivesha, Charaka, Dridhabala, Charaka Samhita, Chikitsa Sthana, cha.7 verse.89, edited and translated by Acharya Vidhyadhara Shukla, Reprint, Chaukhambha Sanskrit Pratishthana, Delhi, 2017; 190
[xxviii] Vaidyak Sabda Sindhu, edited by Nagengra Nath Sen, Pg 1202
[xxix] Vriddha Vagbhata, Ashtanga Sangraha, Sutra Sthana, cha.7, verse 94, edited and translated by Kaviraja Atridev Gupta, Reprint, Varanasi: Chaukhambha Krishnadasa Academy; 2016;
[xxx] Maharshi Ved Vyasa, Garuda Purana, Acharakanda, Cha. 153 verse 7, translated by M.N. Datta, New Bharatiya Book Corporation, New Delhi, 2005; 364
[xxxi] Agnivesha, Charaka, Dridhabala, Charaka Samhita, Chikitsa Sthana, cha.26 verse.84, edited and translated by Acharya Vidhyadhara Shukla, Reprint, Chaukhambha Sanskrit Pratishthana, Delhi, 2017;
[xxxii] Govind Das Sen, Bhaishajya Raatnavali, cha.36, verse 23, edited by Prof. Siddhi Nandana Mishra, Reprint, Varanasi: Chaukhambha Surbharati Prakashana; 2023; 690
[xxxiii] Anonymus, Sahastrayoga, Uttarardha, Netraroga, verse 93, Reprint, New Delhi: CCRAS; 2011; 397
[xxxiv] Govind Das Sen, Bhaishajya Raatnavali, cha.71, verse 74, edited by Prof. Siddhi Nandana Mishra, Reprint, Varanasi: Chaukhambha Surbharati Prakashana; 2023; 1084
[xxxv] Govind Das Sen, Bhaishajya Raatnavali, cha.9, verse 187, edited by Prof. Siddhi Nandana Mishra, Reprint, Varanasi: Chaukhambha Surbharati Prakashana; 2023; 325
[xxxvi] Govind Das Sen, Bhaishajya Raatnavali, cha.41, verse 196, edited by Prof. Siddhi Nandana Mishra, Reprint, Varanasi: Chaukhambha Surbharati Prakashana; 2023; 762
[xxxvii] Agnivesha, Charaka, Dridhabala, Charaka Samhita, Chikitsa Sthana, cha.7 verse.89, edited and translated by Acharya Vidhyadhara Shukla, Reprint, Chaukhambha Sanskrit Pratishthana, Delhi, 2017; 190
[xxxviii] Vaidyak Sabda Sindhu, edited by Nagengra nath sen, Pg 1202